LASER MULTI-FUNCTION CENTER

MFC

MFC - 3900ML

MFC - 4000ML

MFC - 4500ML

MFC - 5500ML

OPERATIONS MANUAL

for FAX, PRINTER, COPIER

We're at your side.

brother®

brother®

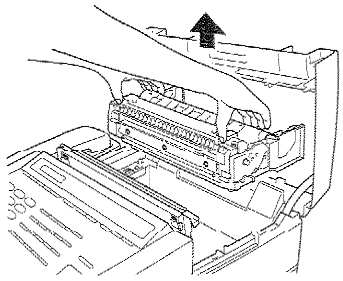
Shipment of the Machine (MFC)

If for any reason you must ship your Machine (MFC), carefully package the Machine (MFC) to avoid any damage during transit. It is recommended that you save and use the original packaging. The Machine (MFC) should also be adequately insured with the carrier.

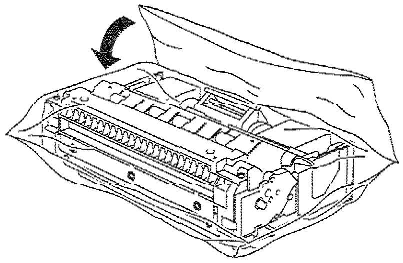
Warning

When shipping the Machine (MFC), the DRUM UNIT assembly including the TONER CARTRIDGE must be removed from the Machine (MFC) and place it in the plastic bag. Failure to remove it and place it in the plastic bag during shipping, will cause severe damage to the Machine (MFC) and will VOID THE WARRANTY.

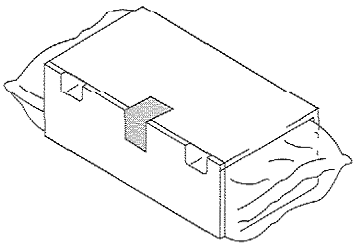
1. Remove the drum unit.



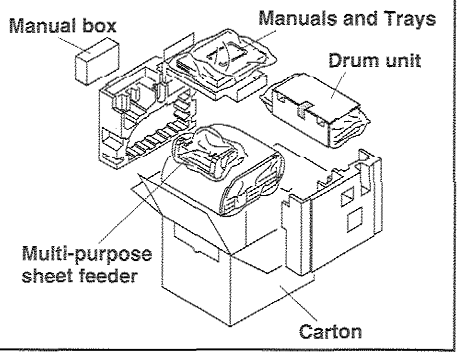
2. Place it in the plastic bag and fold the plastic bag under the drum unit.



3. Wrap it in the corrugated cardboard.



4. Re-pack the Machine (MFC).



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Introduction to the Operations Manual for Fax, Printer, Copier

▶ Have you set up your machine and prepared your computer for the printer mode by following the instructions in the Setup Manual? The Setup Manual will help you prepare your machine to operate fax, printer and copier.

▶ Your Multi Function Center 4500ML/5500ML has 5 performance modes in one machine. It is a Fax, Printer, Copier, Scanner and Fax Modem.

▶ And your MFC 3900ML/4000ML has 3 performance modes. It is a Fax, Printer and Copier. It is also available to add Scanner and Fax Modem with Missing Link option sold separately.

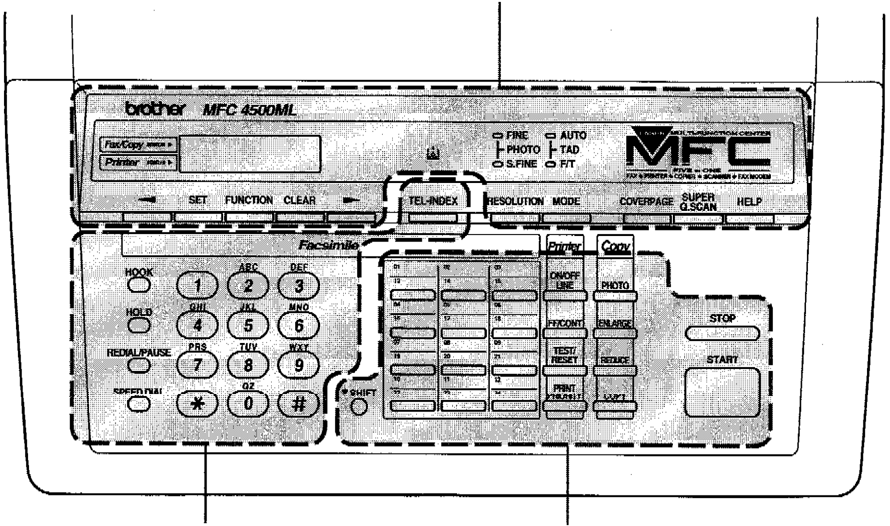
▶ After you complete setting up the machine, next, see the "Operations Manual for Fax, Printer, Copier" to get more information about how to perform your machine such as functions of machine and the control panel. This manual also gives you the important information about maintenance, troubleshooting and technical specifications.

▶ Therefore keep this manual always at your MFC so as to let it provide you with the necessary information whenever you need.

▶ See the "Missing Link Manual for Scanner & Fax Modem" for information about how to set up your machine and computer, how to perform their features well.

1. THE CONTROL PANEL KEYS

MFC 4500ML (MFC 3900ML/4000ML panel keys are same as 4500ML.)

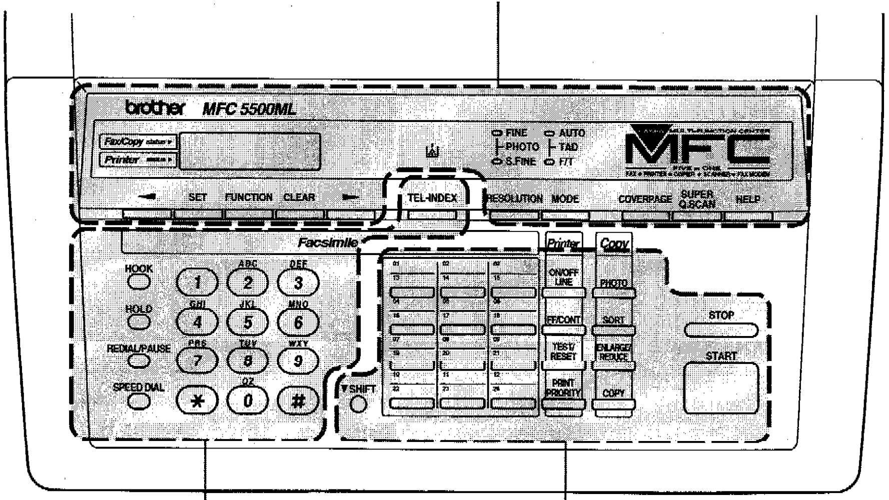


Ⓒ *LCD & User Setting Area*

Ⓐ *Telephone Area* **Ⓑ *One-Touch, Printer and Copy Area***

brother MFC 4500ML
Fax/Copy
Printer
FINE
PHOTO
S.FINE
AUTO
TAD
F/T
MFC
SET
FUNCTION
CLEAR
TEL-INDEX
RESOLUTION
MODE
COVERPAGE
SUPER Q.SCAN
HELP
Facsimile
HOOK
HOLD
REDIAL/PAUSE
SPEED DIAL
1 2 ABC 3 DEF
4 GHI 5 JKL 6 MNO
7 PRS 8 TUV 9 WXY
* 0 OZ #
SHIFT
Printer
Copy
ON/OFF LINE
FF/CONT
TEST/RESET
PRINT PRIORITY
PHOTO
ENLARGE
REDUCE
COPY
STOP
START

MFC 5500ML



Ⓒ *LCD & User Setting Area*

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brother MFC 5500ML
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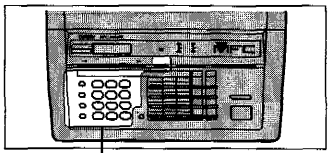
COVERPAGE
SUPER Q.SCAN
HELP
Facsimile
HOOK
HOLD
REDIAL/PAUSE
SPEED DIAL
1 2 ABC 3 DEF
4 GHI 5 JKL 6 MNO
7 PRS 8 TUV 9 WXY
* 0 OZ #
SHIFT
Printer
Copy
ON/OFF LINE
FF/CONT
TEST/RESET
PRINT PRIORITY
PHOTO
SORT
ENLARGE REDUCE
COPY
STOP
START

Ⓐ TELEPHONE AREA



1. Number Keys

These twelve keys are used to dial phone and fax numbers (see page 4-1), and can also be used as an alphanumeric keyboard for entering information into the machine. (See page 2-11~12.)

2. HOOK

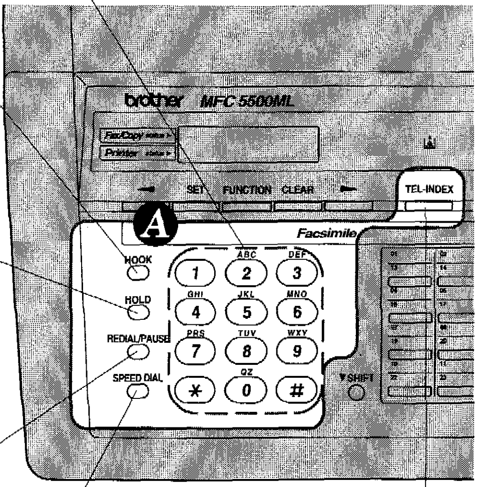
This key lets you dial telephone and fax numbers without lifting the handset. (See page 4-1.)

3. HOLD

You can use this key to put a call on hold. To take the call off hold, you must pick up the handset. (See page 4-1.)

4. REDIAL/PAUSE

This key re-dials the last number called. (See page 5-7.) This key is also used to insert a pause in autodial numbers. (See page 3-7, 4-1.)


brother MFC 5500ML
Fax/Copy
Printer
SET
FUNCTION
CLEAR
TEL-INDEX
A
Facsimile
HOOK
HOLD
REDIAL/PAUSE
SPEED DIAL
ABC
DEF
GHI
JKL
MNO
PRS
TUV
WXY
QZ
1
2
3
4
5
6
7
8
9
*
0
#
SHIFT

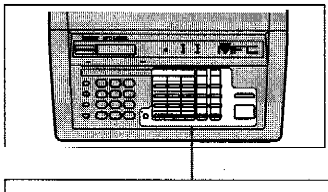
5. SPEED DIAL

This key lets you dial previously stored speed-dial phone numbers by entering a two-digit number. (See page 3-7~8, 4-1.)

6. TEL-INDEX

This key allows you to look up numbers stored in the dialing memory alphabetically. (See page 4-2.)

Ⓑ *ONE-TOUCH, PRINTER AND COPY AREA*

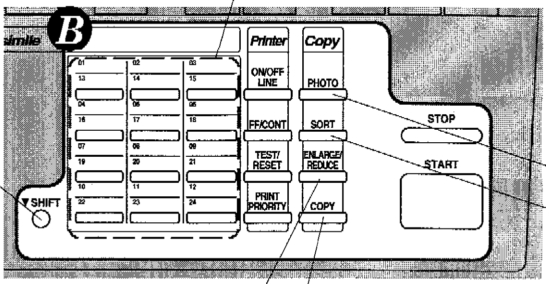


7. SHIFT

This key is used to access the "13" through "24" One-Touch keys. (See page 3-6~7.) In the printer mode, this key is used to reset and restore to the user default settings with **RESET** key. And also used to clear the data in memory with **RESET**. (See page 10-4.)

8. One-Touch Dial Keys

These keys give you instant access to previously stored phone numbers.
(See page 3-6~7, 4-1.)



9. ENLARGE/REDUCE

(MFC 3900ML/4000ML/4500ML has the Enlarge key and the Reduce key separately.) This key is used for copying with reduction or enlarge-ment. You can select one of the following ratios: 150%, 125%, 120%, 100%, 93%, 87%, 75%, and 50%. You can also use the Auto Reduction function to have the machine automatically calculate the reduction ratio to fit to the size of your recording paper. (See page 12-4~6.)

10. COPY

Press this key to make a copy. (See page 12-1~2.)

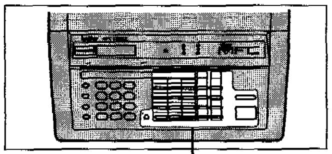
11. SORT *(Only for 5500ML)*

This key is used to copy original multiple pages copied in order. (See page 12-3.)

12. PHOTO

This key is used to make a copy of photo originals. (See page 12-6.)

Ⓑ ONE-TOUCH, PRINTER AND COPY AREA



13. ON/OFF LINE

This key is used to turn the printer on-line (ready to receive PC data) and off-line (not ready to receive PC data) alternately. When the printer is on-line, the LCD displays "ON LINE". (See page 10-3.)

14. STOP

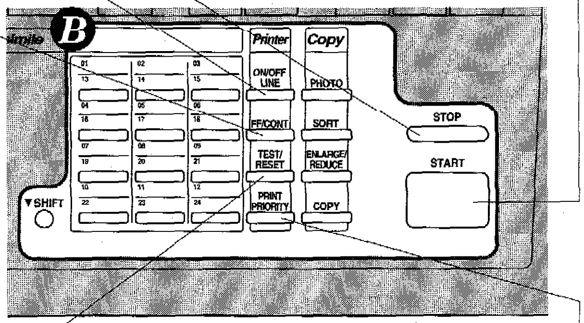
This key stops a fax, cancels an operation, or exits from function mode. (See page 2-2.)

15. START

Use this key to start an operation, such as sending a fax. (See page 5-3.)

16. FF/CONT

When the LCD shows "REMAINED DATA", this key is used to print the remaining data in memory. Also, it clears some operation errors and machine errors. When this key is pressed with "OFF LINE" on the LCD, the machine will re-print the last printed page. When the MANUAL feeder is used, the machine starts printing by pressing this key. (See page 10-3.)



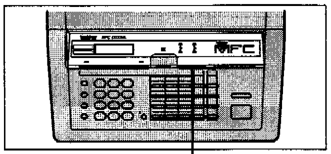
17. TEST/RESET

This key is used to print a test page. When it is pressed together with **SHIFT**, it clears data in the printer memory, cancels an error status, then resets and restores to the user default settings. (See page 10-4.)

18. PRINT PRIORITY

This key temporarily interrupts fax receiving on paper and allows you to print data from your PC. When this key is pressed all faxes will be received into memory without first printing. An incoming fax print job can be temporarily interrupted to print a PC print job by pressing this key when a fax is being received. The fax will be stored in memory and can be printed later. (See page 10-6.)

Ⓒ *LCD & USER SETTING AREA*



19. ◄ (Left Arrow)

This key moves the LCD cursor to the left. It also allows you to back up one step when you are in function mode (see page 2-1) or Telephone Index (see page 4-2).

20. ► (Right Arrow)

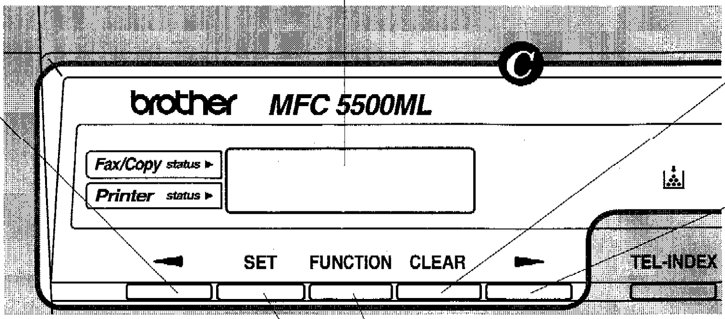
This key moves the LCD cursor to the right, and it also lets you advance one step when you are in function mode (see page 2-1) or Telephone Index (see page 4-2).

21. Liquid Crystal Display

The LCD displays messages that will help you set up and operate your machine (On-Screen Programming), the upper row shows fax and copy status and lower row shows printer and printer data status. (See page 2-1.)

22. CLEAR

This key deletes entered data or backs up one step in function mode. (See page 2-2.)



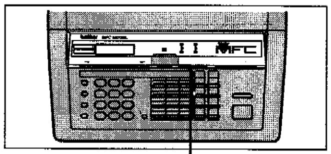
23. SET

This key is used for storing a function setting into the machine. (See page 2-2.)

24. FUNCTION

This key accesses the function and programming mode (OSP), so you can alter various settings. (See page 2-1.)

Ⓒ *LCD & USER SETTING AREA*



25. MODE

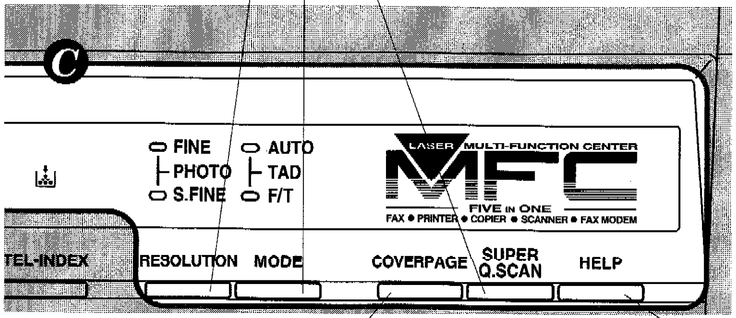
This key is used to specify how the machine will handle incoming calls. (See page 6-1.)

27. RESOLUTION

This key is used to set the resolution requirements when sending a fax. (See page 5-2.)

26. SUPER Q.SCAN

This key enables you to scan in your originals at three times the normal speed, by storing them in the memory before actual transmission. (See page 5-8.) When it is pressed, Broadcasting is available. (See page 5-11.) When **SUPER Q.SCAN** is pressed together with **SHIFT**, Multi Transmission is available. (See page 5-12.)


C
FINE
PHOTO
S.FINE
AUTO
TAD
F/T
LASER MULTI-FUNCTION CENTER
MFC
FIVE IN ONE
FAX • PRINTER • COPIER • SCANNER • FAX MODEM
TEL-INDEX
RESOLUTION
MODE
COVERPAGE
SUPER Q.SCAN
HELP

28. COVERPAGE

This key is used to send a Cover Page as the first page of a fax transmission. (See page 5-18.)

29. HELP

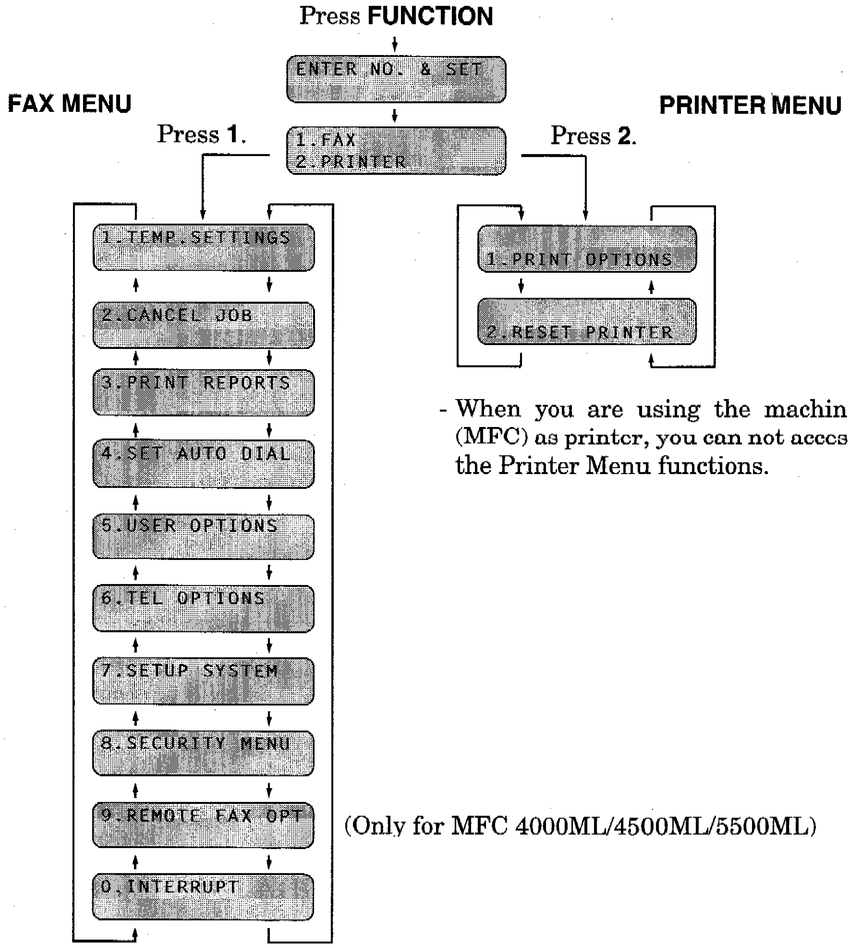
Press this key whenever you want a quick reference Help List printed. This Help List will give you information on how to perform certain settings for a function, how to register information, or how to get some basic information.
(See page 2-1, 2-8~10)

2. HOW TO USE ON-SCREEN PROGRAMMING (OSP) AND HELP KEY

User-friendly Programming

We have designed your machine (MFC) with on-screen programming and a **HELP** key, user-friendly programming that help you take full advantage of all the functions your machine has to offer.
Since your machine (MFC) programming is done on the LCD, we created step-by-step on-screen prompt messages to help you program your machine. All you need to do is follow the prompt instructions as they guide you through the function menu selections and programming options and settings.

Using the Function Mode to Access On-screen Programming (OSP)


Press FUNCTION
ENTER NO. & SET
FAX MENU
PRINTER MENU
Press 1.
1.FAX
2.PRINTER
Press 2.
1.TEMP.SETTINGS
2.CANCEL JOB
3.PRINT REPORTS
4.SET AUTO DIAL
5.USER OPTIONS
6.TEL OPTIONS
7.SETUP SYSTEM
8.SECURITY MENU
9.REMOTE FAX OPT
0.INTERRUPT
1.PRINT OPTIONS
2.RESET PRINTER

- When you are using the machine (MFC) as printer, you can not access the Printer Menu functions.

(Only for MFC 4000ML/4500ML/5500ML)

You can access the function mode by pressing **FUNCTION** and waiting for two seconds then select FAX or PRINTER by pressing 1or 2. (See page 2-1.)

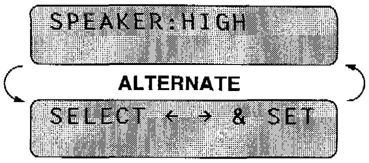
When you enter function mode, your machine will display a list of Level One Functions to choose from (see pages 2-3 through 2-8 for these Level One Functions), as seen in previous page.
These function options will appear one after the other on the display. You can then choose one of these options by pressing **SET** when your desired option appears on the LCD.

You can also move through the function menu options at a faster rate by pressing ► (right arrow). (See page 1-5 to locate this key on your Control Panel.) When you find the option you want, press **SET**.

After you select either FAX MENU or PRINTER MENU, you can simply press the Level One Function number, then press the Level Two Function number associated with each option (refer to pages 2-3 through 2-8).

Helpful Hints If you want to exit function mode, simply press **STOP**. Also, if you select the wrong menu, and wish to return to the previous step, press **CLEAR**.

Alternating Displays for On-screen Programming (OSP)



When you see alternating displays, the LCD will usually alternate between the currently selected option, and a help message giving brief instructions on how to proceed. The example shows the current speaker volume is high and prompts you to use ◄ (left arrow) and ► (right arrow) to change the setting, and then to press **SET** to store it.

Function Selection Table

If you have a basic understanding of how to program your machine (MFC), you can perform most of the programming settings without the owner's manual. To help you understand the function selections, options, and settings that are found in your machine (MFC) programs, we have the following Function Selection Table.
Read through this table to gain a basic understanding of what your new Multi Function Center can do, and then the next section will begin instructing you how to use on-screen programming.

<1. FAX MENU FUNCTIONS>

Level one function	Level two function	Explanation of Options	Factory setting	Page
1. TEMP. (TEMPORARY) SETTINGS	1. TIMER	Use this for sending documents at a later time.	——	5-9
	2. POLLING	Polling is the process of retrieving faxes from another machine. You can also choose whether you want your polling secured or not. STANDARD/SECURE	STAN-DARD	7-1~8
	3. CALL RESERVE	You can send a fax and then talk to the recipient using the CALL RESERVE function. ON/OFF.	OFF	5-24~25
	4. CONTRAST	There are three types of contrast settings. Usually the AUTO setting is acceptable. But if you want to send an especially light or dark document, you should change this setting. AUTO: Default setting is AUTO. Contrast setting always reverts to AUTO after one transmission. S. LIGHT:To send very light documents. S. DARK: To send very dark documents.	AUTO	5-4
	5. RESOLUTION	If you need to send a set of originals at various resolutions, this function will allow you to set the required resolution page by page. (If all documents are the same resolution, use the RESOLUTION key. See page 1-6 #27.) STANDARD/FINE/S. FINE/PHOTO	STAN-DARD	5-17~18
	6. OVERSEAS MODE	If you have trouble when sending overseas, you may want to set OVERSEAS MODE to ON. ON/OFF	OFF	5-16
2. CANCEL JOB		If you wish to cancel a job that has been set with the timer, a polled job etc., use this function.		5-15
3. PRINT REPORTS	See page 11-1 for a list of reports.	You can print several different lists and reports, which are available under function item 3. PRINT REPORTS.		11-1~7
4. SET AUTO DIAL	1. ONE-TOUCH DIAL	If you register names and numbers on One-Touch dial keys, you can dial a number automatically just by pressing a One-Touch key. (Max. of 24 locations)	——	3-6~7

Level one function	Level two function	Explanation of Options	Factory setting	Page
4. SET AUTO DIAL	2. SPEED-DIAL	If you register names and numbers as Speed-Dial numbers, you can dial a number automatically just by pressing SPEED DIAL and a two-digit number. (Max. of 100 locations for 4500ML/ 5500ML, 44 locations for 4000ML, 20 locations for 3900ML)	——	3-7~8
	3. SETUP GROUPS	This is used for setting up a group number used for broadcasting.	——	3-10~11
5. USER OPTIONS	1. SMOOTHING	Smoothing enhances the appearance of incoming faxes. If you set SMOOTHING to ON, you will receive messages with the smoothing enhancement. ON/OFF	ON	6-4~5
	2. BEEPER	You can adjust the volume of the beeper with this function. OFF/LOW/HIGH	LOW	3-5
	3. COVERPG ON/OFF	If you set COVERPAGE to ON, you can send your documents with a Cover Page generated by your machine. When the COVERPAGE setting is ON, you can select a Cover Page comment. ON/OFF	OFF	5-21
	4. ERROR RE-TX	If you set ERROR RE-TRANSMISSION to ON, the machine automatically resends the page once an error occurs. ON/OFF	OFF	5-26~27
	5. REDUCTION	You can avoid having your incoming data separated by printing a reduced copy of the incoming document. The reduction methods are AUTO or Fixed ratio: AUTO/100%/93%/87%/75%	AUTO	6-6~8
	6. RCD PAPER	You can select one of 3 sizes of recording paper. The machine (MFC) will automatically adjust the size of the incoming fax document or original document so that it fits the paper size you have selected. LETTER/LEGAL/A4	LETTER	6-5~6
	7. TONER SAVE	You can extend the life of the toner by conserving its use. ON/OFF	OFF	6-9

Level one function	Level two function	Explanation of Options	Factory setting	Page
5. USER OPTIONS	8. SLEEP MODE	This mode reduces the power consumption when the machine is idle. The time period before the machine drops into the mode is user selectable. OFF/ON	ON (01MIN)	2-13~14
6. TEL OPTIONS	1. TONE/PULSE	There are two different dial types and you must select the type of signal suitable for your telephone line. TONE/PULSE	TONE	3-1
	2. RING DELAY	The number of rings before the machine answers the call when in F/T or AUTO Answer Mode. 0/1/2/3/4 rings	2	6-2~3
	3. AUTO REDIAL	If you set AUTO REDIAL to ON, your machine will automatically re-dial the last number called if the number was busy or the call failed. ON/OFF	ON	5-7
	4. SPEAKER VOLUME	You can adjust the speaker volume with this function. OFF/LOW/HIGH	LOW	6-10
	5. F/T RING TIME	F/T RING TIME sets the time for simulated ringing in F/T mode. 10/20/30/60 seconds	20	6-4
	6. RING VOLUME	The settings are OFF/LOW/HIGH.	HIGH	6-11
	7. DISTINCTIVE	If you have distinctive ringing service from your phone company, you can use this function to register the ringing pattern of your fax number. And if you set it to ON, you can use the registered number as a fax number only. OFF/ON/SET	OFF	6-17~21
7. SETUP SYSTEM	1. DATE/TIME	If you enter the date and time in 24-hour format, the LCD will display the date and time and they will also be printed on outgoing faxes.	01/01/1996 00:00	3-2
	2. DAILY TIMER	If you frequently have delayed jobs, all for execution at same time each day, you can program that time. Once you register it, you do not need to enter that time, just set Timer Transmission in temporary settings.	00:00	5-10~11

Level one function	Level two function	Explanation of Options	Factory setting	Page
7. SETUP SYSTEM	3. INTERVAL	You can select the time interval at which the activity report is printed. 6/12/24 hours, 2/4/7 days, OFF	OFF	11-3~4
	4. STATION ID	You can enter your name or company name, fax number and telephone number in STATION ID. It is printed at the top of each page of every outgoing fax. It is also printed on the automatic Cover Page.		3-3~4
	5. REMOTE CODE	If you enter REMOTE CODE, you can activate or deactivate the machine from a remote telephone. ON/OFF	ON *51 (ACT.) #51(DEACT.)	6-12~14
	6. SET COVERPAGE	You can register your own two programmable comments on the Cover Page.	——	5-19~20
	7. MISSING LINK (Only for MFC 4500ML/5500ML)	You can select the output device that will receive fax messages. (MFC 4500ML/ 5500ML) (MFC 3900ML/4000ML are available when optionally sold Missing Link is connected.)	PC PRIMARY	See the Missing Link Manual
8. SECURITY MENU	1. SET PASSWORD	You can set up the password for receiving documents. ON/PLUS/OFF	OFF	8-3
	2. PASSWORD TX	You can send a fax with a four-digit password.	——	8-2
	3. RELAY PASSWORD (Only for MFC 5500ML)	You can set up the password to receive the relay broadcast request and send broadcast transmissions to the requested destinations.	——	8-5
	4. RELAY BRDCST (Only for MFC 5500ML)	You can request and send broadcast transmissions from the relay unit.	——	8-5~6
	5. SETUP C.MAILBX (Only for MFC 5500ML)	You can register mailbox number (confidential ID), mailbox passcode (retrieval ID) and the name to use confidential mailbox.	——	8-7~8
	6. PRINT C.MAILBX (Only for MFC 5500ML)	You can print the confidential messages received into your mailbox.	——	8-9~10

Level one function	Level two function	Explanation of Options	Factory setting	Page
8. SECURITY MENU	7. SEND C.MAILBOX (Only for MFC 5500ML)	You can send faxes to the confidential mail box of the remote machine.	—	8-10~11
	8. MAIL RETRIEVAL (Only for MFC 5500ML)	You can retrieve confidential message received in your mailbox from the remote Brother machine.	—	8-11~12
9. REMOTE FAX OPT **(Only for MFC 4000ML/4500ML 5500ML)**	1. FAX STORAGE	You can store the incoming fax messages in the memory. Then you can use the convenient remote control functions. ON/OFF	OFF	9-1
	2. FAX FWD/ PAGING	You can choose among PAGING, FAX FORWARDING or OFF. PAGING ON will cause the machine to page you when it receives a fax message. FAX FORWARDING ON will cause the machine to send any stored faxes that are received to another predetermined fax number. OFF/FAX FORWARD/PAGING	OFF	9-3~6
	3. REMOTE ACCESS	You can register REMOTE ACCESS ID (3 digits) allowing you remotely operate the machine. (Example : Retrieving an incoming fax message)	159*	9-7
	4. PRINT FAX	You can print incoming faxes that were stored in memory.		9-11
0. INTERRUPT	—	You can send a fax without canceling the timer or polled waiting, even if there are documents in the feeder, by "interrupting" it.	—	5-14

<2. PRINTER MENU FUNCTIONS>

Level one function	Level two function	Explanation of Options	Factory setting	Page
1. PRINT OPTIONS	1. INTERNAL FONT	You can print residents fonts to check and confirm font types.	——	10-11
	2. PERMANENT FONT	You can print down loaded fonts to check and confirm font types.	——	10-11
	3. CONFIGURATION	Printer settings and status are printed here.	——	10-12
2. RESET PRINTER	1. FACTORY SET	You can revert user default settings and temporary settings for the printer back to factory default settings.	——	10-13
	2. HEX DUMP MODE	If you set HEX DUMP MODE, all the PC data is printed in hexa decimal.	——	10-14

Using the Help Key

Press this key to print a quick reference Help List. The Help List will tell you how to perform settings for a function, how to register information or, how to get some basic information for sending or receiving faxes, copying and printing. When you don't have the owner's manual with you or when you want some information quickly, you can press **HELP** to get a list of basic operating procedures.

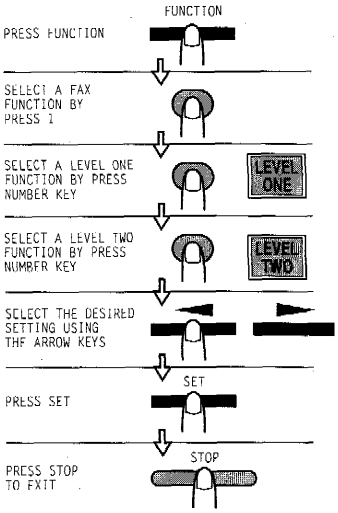
How to Print a Help List

Press **HELP** to get a printout of the Help List. Use it when you need information about how to register or set one of the functions, how to send or receive faxes, copying or printing. You can request a printout whenever the machine meets the following conditions:

- while the LCD displays the date and time.
- while the machine is timer waiting.
- while the machine is polled/polling waiting.
- while the machine is at level one or two of the function menu.
- while you are using the phone.
- You can not print the Help List while the machine (MFC) is printing the data from the PC.

HELP LIST

■ STEP FOR FUNCTIONS


PRESS FUNCTION
FUNCTION
SELECT A FAX FUNCTION BY PRESS 1
SELECT A LEVEL ONE FUNCTION BY PRESS NUMBER KEY
LEVEL ONE
SELECT A LEVEL TWO FUNCTION BY PRESS NUMBER KEY
LEVEL TWO
SELECT THE DESIRED SETTING USING THE ARROW KEYS
PRESS SET
SET
PRESS STOP TO EXIT
STOP

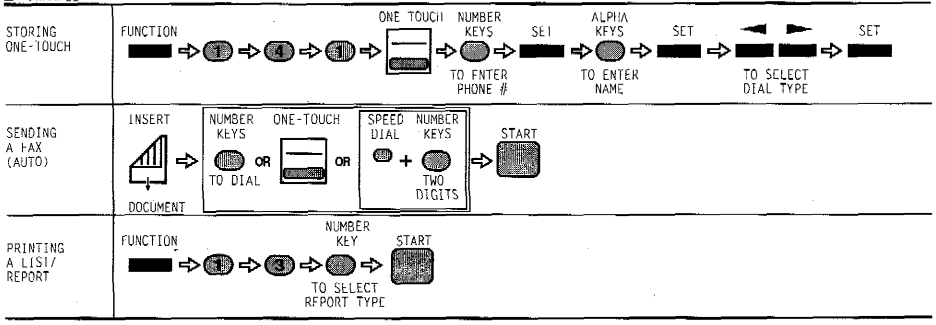
NOTE:MAKE SURE YOU FIRST SET TONE/PULSE(FUNCTION 1-6-1), DATE/TIME(FUNCTION 1-7-1) AND STATION ID(FUNCTION 1-7-4).

LEVEL ONE	LEVEL TWO & OPTIONS
1. TEMP.SETTINGS	1. TIMER 2. POLLING (STANDARD / SECURE) 3. CALL RESERVE (ON / OFF) 4. CONTRAST (AUTO / S.LIGHT / S.DARK) 5. RESOLUTION (STD / FINE / S.FINE / PHOTO) 6. OVERSEAS MODE (ON / OFF)
2. CANCEL JOB	
3. PRINT REPORTS	1. ACT.REPORT 2. ALL DIAL 3. TEL.INDEX 4. COVERPAGE 5. CALL BACK MSG 6. USER OPTIONS 7. XMIT REPORT (ON / OFF) 8. MEMORY STATUS 9. PRT MBOX REPRT
4. SET AUTO DIAL	1. ONE-TOUCH DIAL 2. SPEED-DIAL 3. SETUP GROUPS
5. USER OPTIONS	1. SMOOTHING (ON / OFF) 2. BEEPER (OFF / LOW / HIGH) 3. COVERPG ON/OFF(ON / OFF) 4. ERROR RE-TX (ON / OFF) 5. REDUCTION (AUTO/100%/93%/87%/75%) 6. RCD PAPER (LETTER / LEGAL / A4) 7. TONER SAVE (ON / OFF) 8. SLEEP MODE (ON / OFF , SET TIME)
6. TEL OPTIONS	1. TONE/PULSE (TONE / PULSE) 2. RING DELAY (0 / 1 / 2 / 3 / 4) 3. AUTO REDIAL (ON / OFF) 4. SPEAKER VOLUME(OFF / LOW / HIGH) 5. F/T RING TIME (10 / 20 / 30 / 60) 6. RING VOLUME (OFF / LOW / HIGH) 7. DISTINCTIVE (OFF / ON / SET)
7. SETUP SYSTEM	1. DATE/TIME 2. DAILY TIMER 3. INTERVAL (OFF/6H/12H/24H/2D/4D/7D) 4. STATION ID (FAX / TEL / NAME) 5. REMOTE CODE (ON / OFF , SET CODE) 6. SET COVERPAGE 7. MISSING LINK (PC PRIMARY / PC RECEIVE ONLY FAX RECEIVE ONLY)
8. SECURITY MENU	1. SET PASSWORD (ON / PLUS / OFF) 2. PASSWORD TX 3. RELAY PASSWORD 4. RELAY BRDCST 5. SETUP C.MAILBX 6. PRINT C.MAILBX 7. SEND C.MAILBX 8. MAIL RETRIEVAL
9. REMOTE FAX OPT	1. FAX STORAGE (ON / OFF) 2. FAX FWD/PAGING(OFF / FAX FORWARD / PAGING) 3. REMOTE ACCESS 4. PRINT FAX
0. INTERRUPT	

■ FAX RECEPTION SETTING

MANUAL MODE	FOR DEDICATED TELEPHONE USE ONLY.
AUTO MODE	FOR DEDICATED FAX USE ONLY.
F/T MODE	FOR BOTH FAX AND TELEPHONE.
TAD MODE	WHEN CONNECTING EXTERNAL TELEPHONE ANSWERING DEVICE.

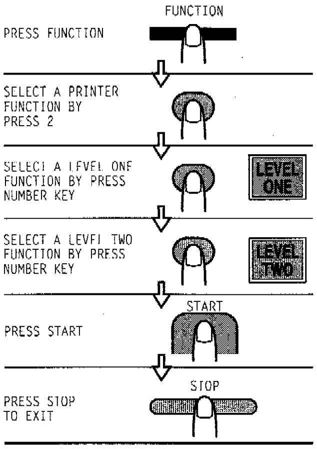
■ EXAMPLE


STORING ONE-TOUCH
FUNCTION
1
4
1
ONE TOUCH
NUMBER KEYS
TO ENTER PHONE #
SET
ALPHA KEYS
TO ENTER NAME
SET
TO SELECT DIAL TYPE
SET
SENDING A FAX (AUTO)
INSERT
DOCUMENT
NUMBER KEYS
TO DIAL
OR
ONE-TOUCH
OR
SPEED DIAL
NUMBER KEYS
TWO DIGITS
START
PRINTING A LIST/ REPORT
FUNCTION
1
3
NUMBER KEY
TO SELECT REPORT TYPE
START

(This help list is a sample of MFC 5500ML)

HELP LIST **Printer**

■ STEP FOR FUNCTIONS



PRESS FUNCTION

SELECT A PRINTER FUNCTION BY PRESS 2

SELECT A LEVEL ONE FUNCTION BY PRESS NUMBER KEY

SELECT A LEVEL TWO FUNCTION BY PRESS NUMBER KEY

PRESS START

PRESS STOP TO EXIT

LEVEL ONE

1. PRINT OPTIONS
2. RESET PRINTER

LEVEL TWO

1. PRINT OPTIONS:
   1. INTERNAL FONT
   2. PERMANENT FONT
   3. CONFIGURATION
2. RESET PRINTER:
   1. FACTORY SET
   2. HEX DUMP MODE

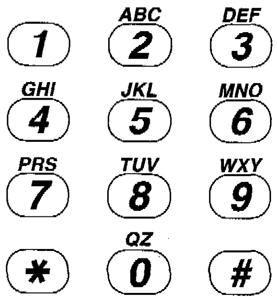
KEYS	FUNCTIONS
ON/OFF LINE	* TURN THE PRINTER ON-LINE (READY TO RECEIVE PC DATA) AND OFF-LINE (BUSY, NOT READY TO RECEIVE PC DATA).
FF/CONT	* PRINT THE REMAINING DATA IN MFC MEMORY. * CLEAR SOME OPERATION. * START PRINTING WHEN MANUAL FEED.
TEST/ RESET	* PRINT A TEST PAGE. * CLEAR THE DATA IN MFC MEMORY AND RESET THE MFC TO THE USER DEFAULT SETTING.
PRINT PRIORITY	* INTERRUPT FAX RECEIVING ON PAPER. * MAKE THE MFC PRINTER EXCLUSIVE MODE.

HELP LIST **Copy**

MAKING A SINGLE COPY	INSERT DOCUMENT ⇨ COPY
MAKING MULTIPLE COPIES	INSERT DOCUMENT ⇨ COPY ⇨ NUMBER KEYS TO ENTER NO. OF COPIES
MAKING SORT COPIES	INSERT DOCUMENT ⇨ SORT ⇨ NUMBER KEYS TO ENTER NO. OF COPIES
MAKING PHOTO COPIES	INSERT DOCUMENT ⇨ PHOTO ⇨ NUMBER KEYS TO ENTER NO. OF COPIES
MAKING ENLARGE/REDUCE COPIES	INSERT DOCUMENT ⇨ ENLARGE REDUCE ⇨ ◄ ► TO SELECT ENLARGE/REDUCE RATIO ⇨ SET ⇨ NUMBER KEYS TO ENTER NO. OF COPIES

How to Enter Text in Function Mode

Number keys have two or three letters printed above it. The following keys "1", "#" and "*" have no printed letters because they have special characters.



By pressing the appropriate number key the correct number of times, you can access the character you want. When you are making certain settings, such as the Station ID, you need to enter text into your machine.

Key	once	twice	three times	four times
2	A	B	C	2
3	D	E	F	3
4	G	H	I	4
5	J	K	L	5
6	M	N	O	6
7	P	R	S	7
8	T	U	V	8
9	W	X	Y	9
0	Q	Z	0	Q

Let's say that you want to enter the initials "BR." Follow the example below.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	NAME: ENTER & SET
1. Press **2** twice to enter the letter **B**.	NAME:B
2. Press **7** twice to enter the letter **R**.	NAME:BR
3. Press **SET**.	

FOR YOUR INFORMATION

1. If you want to enter a blank space, press ► (right arrow) twice.
2. If you entered a letter incorrectly and want to change it, you can use ◄ (left arrow) to move the cursor back. When you reach the letter, you can enter a new one in it's place. You can only overwrite letters, not insert them, so you may have to go back and overwrite a lot of letters if you forget to enter a letter.
3. If you need to enter a character that is assigned to the same number key as the previous character, press ► (right arrow) to move the cursor to the right.

How to Enter Special Characters, Symbols and Punctuation Marks in Function Mode

1 key -------------- ÄËÖÜÀÇÈÉ1

* key -------------- (space) !"#$%&'()*+,-./

key -------------- :;<=>?@[]^_

The "1" key contains all the accented characters. The "*" and the "#" key are used for punctuation marks and symbols. Let's say that you want to enter the Symbol "&". Follow the example below.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	NAME:JAMES _
1. Press * to show a list of characters.	MARK-_!"#$%&'()*
2. Press *, *, *, *, *, * (6 times).	MARK- !"#$%&'()*
3. Press ► (right arrow).	NAME:JAMES &_

How to Set the Sleep Mode

The sleep mode reduces the power consumption when the machine is idle. The time period before the machine drops into sleep mode is user selectable.

The following settings are available for sleep mode:

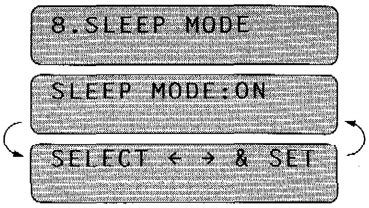
OFF: The sleep mode is not used. We recommend using this setting if you have a lot of fax traffic and wish to print documents immediately.
ON: You can select the time period before the machine drops into sleep mode from 01 to 99 minutes by using number keys when you set the sleep mode ON.

The sleep timer is automatically reset when a fax is received, the machine (MFC) starts to copy, or the machine (MFC) is receiving the PC data. The factory setting is ON (1 minutes).

Use the following sequence to set the sleep mode.

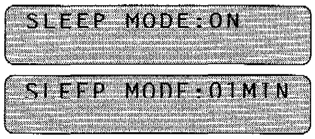
KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	01/01/1996 00:00 ON LINE
1. Press **FUNCTION.**	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1.**	1.FAX
4. Press **5.**	5.USER OPTIONS

5. Press **8.**



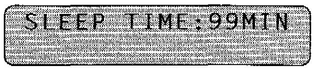
```
8.SLEEP MODE
SLEEP MODE:ON
SELECT ← → & SET
```

6. Press **SET.**



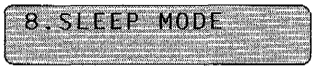
```
SLEEP MODE:ON
SLEEP MODE:01MIN
```

7. Enter sleep time (1 to 99) by using number keys.
   Example: 99.



```
SLEEP TIME:99MIN
```

8. Press **SET.**



```
8.SLEEP MODE
```

9. Press **STOP** to exit.

NOTICE

- The sleep mode is activated when the heater stops. However, the cooling fan will stop after the heater stops in a little while. The actual time before the fan stops will vary depending upon operating conditions.
- It will take approximately one or two minutes for the machine to warm up from the sleep mode before you can start printing or copying. The LCD will show "WARMING UP" during this time. When it is ready it will automatically start the last job you have entered.

NOTE: The cooling fan will continue to run until the temperature of the machine reaches a certain level. Even after the heater stops, the machine will need to warm up before copying and printing.

3. TELEPHONE FUNCTION SETTINGS

We suppose that you have finished the setting up by referring to the Setup Manual. This chapter is also inserted in the Operation Manual.
There are some settings, such as the date and time, you should make to your machine before you begin using it. Once entered, these settings will remain in the machine until you change them. You can begin customizing the settings by pressing **FUNCTION** on the control panel. This activates the function mode and On - Screen Programming prompts. You can complete a variety of settings in this mode.

Setting the Dialing Mode (Tone/Pulse)

Your machine supports both tone (or multi-frequency) and pulse (or rotary) dialing. It is initially set to TONE, so you do not need to change the setting if you use that kind of line. If you are using a pulse dial line, you can change the setting to PULSE by following the steps below:

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	01/01/1996 00:00 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **6**.	6.TEL OPTIONS
5. Press **1**. After two seconds you will be automatically prompted to select pulse or tone.	1.TONE/PULSE DIALING:TONE SELECT ← → & SET
6. Press ◄ (left arrow) or ► (right arrow) to find the dialing mode that matches your telephone line. Example: PULSE.	DIALING:PULSE
7. Press **SET**.	1.TONE/PULSE
8. Press **STOP** to return to the date and time.	

Setting the Date and Time

Your machine shows the date and time on the display and prints it on every fax page you send. You can set the date and time in function mode.

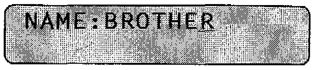
KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	01/01/1996 00:00 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **7**.	7.SETUP SYSTEM
5. Press **1**.	1.DATE/TIME
	ENTER YEAR:XX
6. Enter the last two digits of the year. Example: **95**.	ENTER YEAR:95
	ENTER MONTH:XX
7. Enter two digits for the month. (JAN = 01, OCT = 10, etc.) Example: **09**.	ENTER MONTH:09
	ENTER DAY:XX
8. Enter two digits for the day. Example: **12**.	ENTER DAY:12
	ENTER TIME:XX:XX
9. Enter the time in 24-hour format. Example: **15:25** (3:25 P.M.).	ENTER TIME:15:25
10. Wait for two seconds.	1.DATE/TIME
11. Press **STOP** to exit and view the new date and time.	09/12/1995 15:25 ON LINE

Setting the Station ID

The Station ID is for identification purposes. Here you should store your name, fax number, and telephone number. Your machine then prints this information on the electronic Cover Page and every fax page you send.

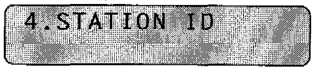
KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **7**.	7.SETUP SYSTEM
5. Press **4**. You will then be prompted to enter your fax number.	4.STATION ID
	FAX: ENTER & SET
6. Enter your fax number (up to 20 digits). Example: **4155554444**.	FAX:4155554444_
7. Press **SET**. You will now be prompted to enter your telephone number.	TEL: ENTER & SET
8. Enter your telephone number (up to 20 digits). If your telephone number and fax number share the same line, enter the same number again. Example: **4155554445**.	TEL:4155554445_
9. Press **SET**. You will be prompted to enter your name or company's name.	NAME: ENTER & SET

10. Enter your name by using the number keys (up to 20 characters).
Example: **BROTHER**.


NAME:BROTHER

By pressing the appropriate number key the correct number of times, you can access the character you want. For example, press 2 twice to enter B.
Refer to the section "How to Enter Text in Function Mode" on pages 2-11~13.

11. Press **SET** to confirm the entry.


4.STATION ID

12. Press **STOP** to return to the date and time.

Helpful Hints

1. The telephone number that you stored above is used only for the Call Back Message and the Cover Page features.
2. If you do not enter a fax number, no additional information can be entered.
3. When you need to enter a blank, use ► (right arrow). You can back up to change entries by using the ◄ (left arrow).
4. If Station ID has already been programmed, then after Step 5 the name will be displayed with the prompt "1" to change "2" to exit. Press "1" if you need to change any information. Pressing "2" to exit will take you out of the function.

NOTICE

The Telephone Consumer Protection Act. of 1991 makes it unlawful for any person to use a computer or electronic device to send any message via a telephone fax machine unless such messages clearly contain in a margin at the top or bottom of each transmitted page or on the first page of the transmission, the date and time it is sent and an identification of the business or other entity, or other individual sending the message and the telephone number of the sending machines or such business, other entity, or individual.

To program this information into your machine, you should complete the steps on the previous page.

Setting the Beeper Volume Level

If the beeper setting is LOW or HIGH, it will "beep" every time you press a key, make an error, or at the end of sending or receiving a fax.

The initial setting on your machine for the beeper is LOW. If you do not want the beeper on, select OFF, and if you want it loud, select HIGH.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **5**.	5.USER OPTIONS
5. Press **2**.	2.BEEPER BEEPER:LOW SELECT ← → & SET
6. Press ◄ (left arrow) or ► (right arrow) until you get the setting you want. Example: OFF.	BEEPER:OFF
7. Press **SET**.	2.BEEPER
8. Press **STOP** to return to the date and time.	

Storing the One-Touch Dial Numbers

You can dial numbers automatically by storing telephone or fax numbers as One-Touch dial numbers. You can also store names with the numbers so that when you call, you can verify the destination by name on the display. You can store a maximum of 24 numbers. To access numbers 13 to 24, you need to press **SHIFT**. For example, One-Touch location "13" is accessed by pressing **SHIFT** and the "01" One-Touch key simultaneously. Here is how to store a telephone number as a One-Touch dial number:

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **4**.	4.SET AUTO DIAL
5. Press **1**.	1.ONE-TOUCH DIAL
	SELECT ONE-TOUCH
6. Press the **One-Touch** key you want to use to store a number. Example: **One - Touch 05**. Note: The One-Touch keys are not the number keys.	*05: ENTER & SET
7. Enter a number (up to 20 digits). Example: **14155551212**.	*05:14155551212_
8. Press **SET**. You then will be prompted to enter the name or company associated with this number.	NAME: ENTER & SET
9. Enter the name by using the number keys (up to 15 characters). Example: **NJ OFFICE**. (See page 2-11~13.)	NAME:NJ OFFICE

10. Press **SET**.	TYPE:FAX SELECT ← → & SET
11. Select the type of number (FAX, TEL, F/T, CHAIN) by using ◄ (left arrow) or ► (right arrow) to display the type you want. (See For Your Information on page 3-11.) Example: FAX.	TYPE:FAX
12. Press **SET**.	SELECT ONE-TOUCH
13. Return to step 6 to enter another number, or press **STOP** to return to the date and time.	

Helpful Hints If you have to wait for a dial tone to access an outside line, you should use **REDIAL/PAUSE**. When you press **REDIAL/PAUSE**, a dash "-" will appear on the display. By storing the numbers with a pause, you can create a delay of 3.5 seconds.

Storing the Speed-Dial Numbers

When you store a phone or fax number as a Speed-Dial number, you need to enter **a two-digit number**, from 01 to 00 for 4500ML/5500ML, from 01 to 44 for 4000ML and from 01 to 20 for 3900ML using the number keys. For example, you cannot enter "5". You need to enter "05". You can store as many as 100 numbers as Speed-Dial numbers for 4500ML/5500ML, 44 numbers for 4000ML and 20 numbers for 3900ML.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **4**.	4.SET AUTO DIAL

5. Press **2**.

2.SPEED-DIAL

SPEED-DIAL? #_

6. Use the number keys to enter a two-digit number.
   Example: **05**.

SPEED-DIAL? #05

#05:

ENTER & SET

7. Enter the number (up to 20 digits).
   Example: **5555151**.

#05:5555151_

8. Press **SET**.
   You then will be prompted to enter the name or company associated with this number.

NAME:

ENTER & SET

9. Use the number keys to enter a name (up to 15 characters).
   Example: **MANCHESTER**.
   (See page 2-11~13.)

NAME:MANCHESTER

10. Press **SET**.

TYPE:FAX

SELECT ← → & SET

11. Select the type of number (FAX, TEL, F/T, CHAIN) by using ◄ (left arrow) or ► (right arrow) to display the type you want.
    Example: TEL. (See page 3-11.)

TYPE:TEL

12. Press **SET**.

SPEED-DIAL? #_

13. You are ready to enter another Speed-Dial number, or press **STOP** to return to the date and time.

Helpful Hints 1. Print the All Dial List after you have finished to make sure you have stored the numbers correctly. (See page 11-5.) This list will contain the type of number: FAX, TEL, F/T, or CHAIN.

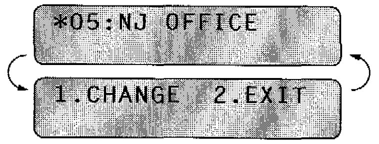
2. **Even if there should be a loss of electrical power or you unplug your machine, the telephone and fax numbers you have stored will not be lost.**
3. If your machine is connected to a PBX, you may need to insert an additional number before each fax or telephone number to access an outside line.

FOR YOUR INFORMATION

When You Wish to Change the Stored One-Touch and Speed-Dial Numbers (During Step 6 on Page 3-6, 8)

When you access the function for a One-Touch key or Speed-Dial number, that is already in use, you will be asked if you wish to change it or to exit and select a different One-Touch or Speed-Dial number. This display does not appear if the One-Touch key or Speed-Dial number you chose is not assigned.

1. Press **1** to assign a new number to the One-Touch key or Speed-Dial number, or press **2** to choose a different One-Touch key or Speed-Dial number.



```
*05:NJ OFFICE
1.CHANGE  2.EXIT
```

2. If you are replacing an existing number with a new one, the old number and name will appear in the display. Press **CLEAR** to erase the old number and name. Then, enter the new number and name and press **SET** to store the entry.

Memory Storage/Temporary Battery Back Up

Your machine is equipped with an internal battery that will keep the date and time information for up to one hour after power has been cut off. After that time, the date and time will be lost and you will have to re-enter the information. All other settings in the SET AUTO DIAL, USER OPTIONS and SETUP SYSTEM functions (see page 2-4, 5, 6) are stored permanently and will be retained even in the event of a power failure. However, the data stored in the memory such as Out-of-Paper Received and Memory Transmission will be lost after the power is disconnected.

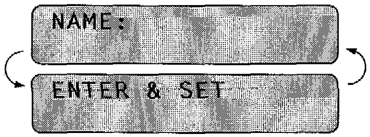
Setting the Number Groups

Number Group allows you to send the same fax message to many fax numbers by pressing only one One-Touch key. (This is known as Broadcasting.) You must store each fax number first as a One-Touch or Speed-Dial number. Then you can combine them into a Group.
You can have up to 6 Groups and can assign up to 123 numbers (MFC 4500ML/ 5500ML), 67 numbers (MFC 4000ML) and 43 numbers (MFC 3900ML) to be in a Group. You can use the same stored number in several groups. They can have a name up to 15 characters long.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **4**.	4.SET AUTO DIAL
5. Press **3**.	3.SETUP GROUPS
	SELECT ONE-TOUCH
6. Press one of the One-Touch keys to be the stored group number. Example: select "One-Touch 1" as a group.	SETUP GROUP:G0 ENTER & SET
7. After two seconds enter the group number by using the number keys. Example: **1**.	SETUP GROUP:G01 G01: ENTER & SET
8. Enter the One-Touch or Speed-Dial numbers in this group.	G01:#03#05*02_

*:One-Touch
#:Speed Dial

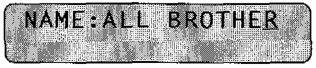
9. Press **SET**.



NAME:

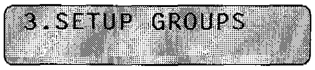
ENTER & SET

10. Enter the group's name.
    Example: **ALL BROTHER**.



NAME:ALL BROTHER

11. Press **SET**.



3.SETUP GROUPS

12. Press **STOP** to return to date and time.

Helpful Hints You can print a list of all One-Touch numbers and Speed-Dial numbers. Group numbers will be listed under One-Touch numbers. (See page 11-5 of Operation Manual.)

FOR YOUR INFORMATION

Types of Numbers

When you store a number as a One-Touch or as a Speed-Dial number, you have a choice of choosing the type of number. There are 4 options:

1. FAX (A fax number).
2. TEL (A telephone number).
3. F/T (Both a fax number and a telephone number)
4. CHAIN (A number, usually an access code, for chain dialing).

Chain Dialing

Sometimes you may want to choose from among several long-distance carriers when you make a call. This is because rates may vary depending on the time and destination. To take advantage of low rates, you can register the access code of a long-distance carrier as a One-Touch or a Speed-Dial number for chain dialing. To do this, you store the access code as you would a regular number and register it as a "chain" number. (See step 11 on page 3-7.) Then, when you want to make a call, you use this number in combination with the regular number, which also may be a One-Touch or a Speed-Dial number.

This is also important for transmissions using credit cards.

If you want to store a phone/credit card number to be used in your dialing sequence, you must store that phone/credit card number as a "chain" number. You can start a chain dialing call by pressing a One-Touch key or Speed-Dial number where your chain number is stored. Next you press another One-Touch or Speed-Dial number for the regular phone number (either FAX, TEL or F/T number), or enter the number manually. And then press **START** to begin calling.

NOTE:
- When you send a fax using your credit card number in chain dialing, do NOT send a cover page because your credit card number will be on it.
- The last number(s) in the dialing sequence must not be "chain" and the last number can be any other type.

4. USING THE UNIT AS A TELEPHONE

Your machine can be used to make regular telephone calls. You can dial numbers manually, by pressing the number keys, or by using One-Touch or Speed-Dialing.

Manual Dialing

1. Pick up the handset, or press **HOOK**.
2. When you hear a dial tone, you can begin dialing by pressing the number keys.
3. If you used **HOOK** to dial, pick up the handset when the call is answered.

One-Touch Dialing

1. Pick up the handset, or press **HOOK**.
2. When you hear a dial tone, press the desired **One-Touch** key.
3. If you used **HOOK**, pick up the handset when the call is answered.

If you try to use a One-Touch number that has not been stored on the key you pressed, you will hear a warning sound and the display will say,"NOT REGISTERED". The display will return to normal after 2 seconds.

Speed Dialing

1. Pick up the handset or press **HOOK**.
2. When you hear a dial tone, press **SPEED DIAL** and then press the two-digit Speed-Dial number.
3. If you used **HOOK**, pick up the handset when the call is answered.

FOR YOUR INFORMATION

Using HOLD/PAUSE, # with the Telephone

- Use **REDIAL / PAUSE** for putting a 3-4 second pause between numbers.
- Use **HOLD** to put a call on hold. You can put down the handset without disconnecting the call. You must pick up the handset to release the call from **HOLD**.
- Use # to temporarily switch the dialing type from "pulse" to "tone". This key is also used for push-button services, such as those offered by banks, credit card companies, or paging services.

FOR YOUR INFORMATION

On Hook Dialing

When you make a call using **HOOK**, you can listen to the other end through the one-way speaker of the machine, but they can't hear you unless you pick up the handset. Also, if you press **HOOK** again before you pick up the handset, the call will be disconnected.

Searching the Telephone Index

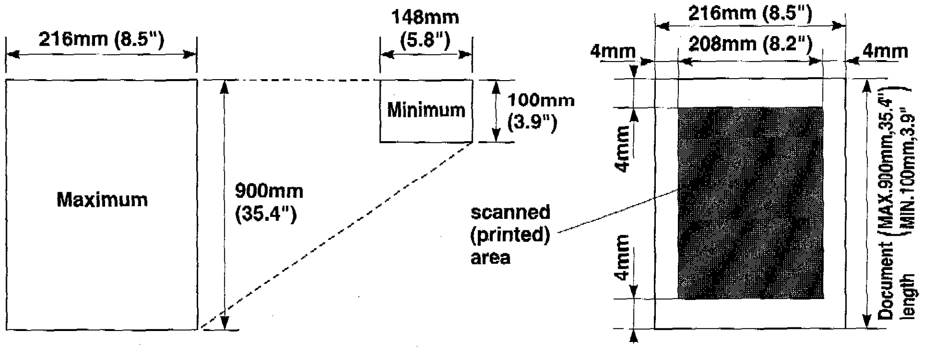
Once you have stored a name and number as a One-Touch number or as a Speed-Dial number, you can search for that name alphabetically using the Telephone Index. You can also dial a number directly from the Telephone Index.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **TEL-INDEX**.	TEL.INDEX ON LINE
2. Use the number keys to input the first character of the stored name, and press ◄ (left arrow) or ► (right arrow) to find the name.	NJ OFFICE ON LINE
3. Pick up the handset, or press **HOOK**.	
4. Press **START** to begin dialing. - Return the handset to its cradle or press **HOOK** to cancel the call.	NJ OFFICE ON LINE

5. SENDING FAXES

A) DOCUMENT BASICS

The Size of Your Documents


216mm (8.5")
Maximum
900mm
(35.4")
148mm
(5.8")
Minimum
100mm
(3.9")
scanned
(printed)
area
216mm (8.5")
208mm (8.2")
4mm
4mm
4mm
4mm
Document length (MAX.900mm,35.4")
(MIN.100mm,3.9")

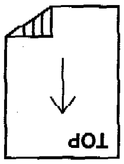
The size of the documents you want to send by fax should not be larger (or smaller) than your machine can accommodate. The documents should each be between 148 and 216 mm (5.8 and 8.5 inches) wide and between 100 and 900 mm (3.9 and 35.4 inches) long.

The maximum width of the scanned area is 208 mm (8.2 inches), which can be printed on the recording paper of the recepient's fax.

How to Insert the Document

To send a fax, first insert the document you wish to send, face down, in the document feeder. The top edge of the document should go in first, or the fax will be received up side-down.

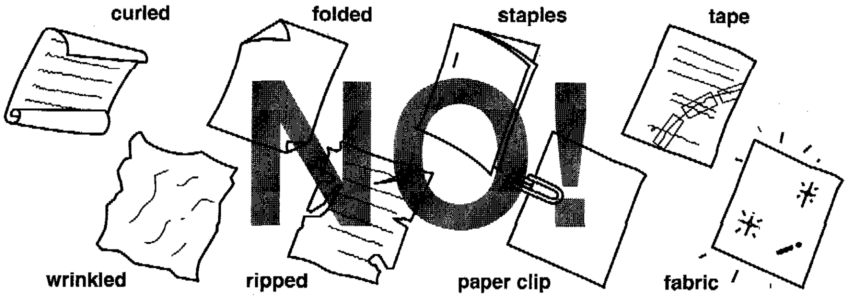
To prevent the document from going crooked as it is fed, adjust the paper guides to fit the width of the document.



NOTICE

About the Documents You Send...

Do not use documents that are curled, wrinkled, folded, ripped, or that contain staples, paper clips, paste, or tape. Also, do not use cardboard, newspaper, or fabric.



The Auto Document Feeder (ADF)

The Auto Document Feeder (ADF) automatically feeds documents (**up to 30 pages**) into the machine, one at a time. The thickness and weight of the documents should fall into the following categories:

Thickness: For one sheet: 0.07 to 0.12 mm (2.8 x 10^{-3} to 4.7 x 10^{-3} inches).
For multiple sheets: 0.07 to 0.10 mm (2.8 x 10^{-3} to 3.9 x 10^{-3} inches).

Weight: For one sheet: 52 to 85 g/m^2 (0.07 x 10^{-3} to 0.121 x 10^{-3} lbs/inch^2).
For multiple sheets: 52 to 80 g/m^2 (0.07 x 10^{-3} to 0.114 x 10^{-3} lbs/inch^2).

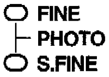
As a reference, please note that the paper on which this is printed has the following thickness and weight:
Thickness: 0.10mm (3.9 x 10^{-3} inches)
Weight: 80g/m^2 (0.114 x 10^{-3} lbs/inch^2)

Before inserting documents into the document feeder, fan the sheets of paper to make sure the documents are not stuck together. Then tap the leading edge on a table so that all the pages are even when placed in the feeder. Make sure you always put the documents in *face down*.

SETTING THE RESOLUTION

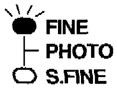
You can choose a setting (STANDARD, FINE, SUPERFINE, or PHOTO) for the resolution any time before you press **START** or **COPY**. You can choose a setting by pressing the **RESOLUTION** key. (○ means light off. ● means light on.)

STANDARD



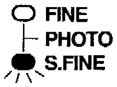
The STANDARD resolution can be used for most typewritten text. When the STANDARD setting is on, both lights are off.
Transmission speed is normal.

FINE



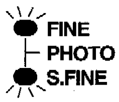
The FINE resolution is an ideal setting to use if you want to send documents that have small print. When the FINE setting is on, the FINE light will be lit.
Transmission speed is slower than STANDARD.

SUPERFINE



The SUPERFINE resolution is a good setting to use for documents with very small print or artwork. When the SUPERFINE setting is on, the S. FINE light will be lit.
Transmission speed is slower than FINE.

PHOTO



The PHOTO resolution is ideal for sending documents that have varying shades of gray, such as photographs. The PHOTO setting is on when both lights are lit.
Transmission speed is slower than FINE.

To set different resolutions for each page of a multi page document, refer to "Multiple Resolution Transmission" on page 5-17~18.

SETTING THE CONTRAST

The machine has automatic contrast control, but if you need to send a document that is very light or very dark, you may want to set the contrast yourself.

Use SUPER LIGHT to send a very light document.
Use SUPER DARK to send a very dark document.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Insert the documents face down into the feeder.	FAX: NO. & START ON LINE COPY: PRESS COPY ON LINE
2. Press **FUNCTION**.	ENTER NO. & SET
3. Wait for two seconds.	1.FAX 2.PRINTER
4. Press **1**.	1.FAX
5. Press **1**.	1.TEMP.SETTINGS
6. Press **4**. The display will alternate messages.	4.CONTRAST CONTRAST:AUTO SELECT ← → & SET
7. Use ◄ (left arrow) or ► (right arrow) to select one of the settings, AUTO, S.LIGHT, or S. DARK. Example: S.LIGHT.	CONTRAST:S.LIGHT
8. Press **SET**.	4.CONTRAST
9. Press **STOP** to exit.	FAX: NO. & START ON LINE COPY: PRESS COPY ON LINE

Then start the fax sending operation (see page 5-5) or copy (see page 12-1).

B) BASIC FAX TRANSMISSIONS

FOR YOUR INFORMATION

Sending a Fax

There are 3 basic ways of sending a fax:

1) Manual transmission:

You can talk or listen to the other party before you send a fax by picking up the handset and dialing the number. After the other party has finished talking and has pushed its **START** button, you will be able to send your fax by pressing your **START** key and putting the handset back down in its cradle. (If you call and all you hear is the chirping sound of a machine, you can go ahead and press your **START** key, and then put down the handset.)

2) Automatic transmission:

You can send a fax without picking up the handset or without pressing **HOOK** by dialing the fax number and then pressing **START**.

a. One-Touch Dialing
Press one of the One-Touch keys. (The numbers must be stored beforehand. See page 3-6~7.) Then press **START**.

b. Speed-Dialing
Press **SPEED DIAL**, then use the number keys to enter a two-digit number.
For example, press "05" for 5. (The numbers must be stored beforehand. See page 3-7~8.) Then press **START**.

c. Telephone Index
You can use the Tel-Index to make telephone or fax calls.(See page 4-2.)

3) Timer transmission:

It is possible to send documents at a later time by using the TIMER function. (See page 5-9~10.)

Talking to the Other Party When Sending a Fax

When you are sending a fax manually and you hear the recipient's voice instead of fax tones, you can use the handset to have a conversation. When or if you want to then send a fax, ask the person on the other line to press **START** on his/her fax machine and when you hear fax tones you can press **START** to begin sending your fax.

Sending a Fax Automatically

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Insert the documents face down into the feeder.	FAX: NO. & START ON LINE COPY: PRESS COPY ON LINE
2. Enter a fax number. Example: One-Touch dialing.	NJ OFFICE ON LINE
3. Press **START**.	DIALING ON LINE
	SENDING P.01 ON LINE

Sending a Fax Manually

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Insert the documents face down into the feeder.	FAX: NO. & START ON LINE COPY: PRESS COPY ON LINE
2. Pick up the handset or press **HOOK** and listen for the dial tone.	ENTER FAX NO. ON LINE PRESS START KEY ON LINE
3. Enter the fax number. You can use manual dialing, One-Touch dialing, Speed Dialing, or Tel-Index.	NJ OFFICE ON LINE
4. When you hear a fax tone, press **START**. Your machine will begin sending the documents.	SENDING ON LINE
5. Return the handset to its cradle, if you did not use **HOOK**.	

Automatic and Manual Re-dialing

If a number you have dialed is busy or your call did not go through for some other reason, you can re-dial that number. There are two ways to re-dial, "automatic" and "manual." Automatic redialing can only be used for faxes that were sent using automatic transmission—not for telephone calls. The factory setting is "auto re-dial on", but you can change it to "auto re-dial off", if needed. If the re-dial function is set to "auto re-dial on", it will automatically re-dial the number 3 times at 5 minute-intervals before giving up. Whether the setting is on or off, the machine will re-dial the last dialed number when you press **REDIAL/PAUSE** (manual re-dialing).

Setting the Auto Re-dial

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 OFF LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **6**.	6.TEL OPTIONS
5. Press **3**.	3.AUTO REDIAL
6. Use ◄ (left arrow) or ► (right arrow) to turn the auto re-dial function ON or OFF. Example: OFF.	AUTO REDIAL:ON SELECT ← → & SET
7. Press **SET**.	AUTO REDIAL:OFF
8. Press **STOP** to exit.	3.AUTO REDIAL

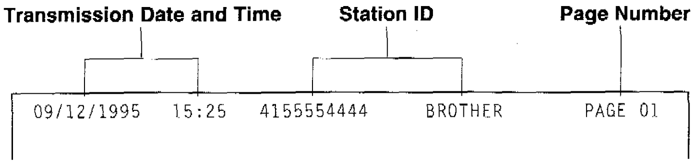
FOR YOUR INFORMATION

Optional Settings When You Send a Fax Manually

- Resolution (See page 5-3, 5-17~18.)
- Contrast (See page 5-4.)
- Cover Page (See page 5-18~23.)
- Overseas Mode (See page 5-16.)
- Call Reservation (See page 5-24~25.)

Printing Page Headers

Your machine can print a page header on top of every document you send. It is printed on the receiving party's fax paper. It contains the date and time of transmission, your fax number and name (Station ID), and page number. Of course you need to register your Station ID beforehand for that information to be available.


Transmission Date and Time
Station ID
Page Number
09/12/1995 15:25 4155554444 BROTHER PAGE 01

C) ADVANCED FAX TRANSMISSIONS

Sending a Fax by Using Super Quick-Scan (Memory Transmission)

If you are faxing a set of documents that are confidential in nature or you just need your original documents back right away, you don't have to stand at the machine and wait for the transmission of each page to be completed. You can use Super Quick-Scan in order to get your original documents back before transmission.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Insert the documents into the feeder.	FAX: NO. & START ON LINE COPY: PRESS COPY ON LINE
2. Press **SUPER Q.SCAN.** The display indicates how much memory is available.	MEMORY 100% ON LINE ENTER FAX NO. ON LINE

3. Enter the fax number.	NJ OFFICE ON LINE
4. Press **START** to begin scanning the documents into memory. Once completed,the machine will dial the destination.	MEMORY 100% ON LINE

FOR YOUR INFORMATION

If You Get a MEMORY FULL Message When Trying to Send a Fax by Using Super Quick-Scan

If the memory becomes full when scanning page one, the display shows "PRESS STOP KEY", then press **STOP** to abort the job.

If the memory becomes full on page 2 or more of a multi-page document, you will be prompted to press **START** to send the portion already scanned, or **STOP** to abort the job.

Delayed Transmission

You can set the timer to send documents at a later time (up to 24 hours later). Your machine will also produce a report, the "Delayed Sending Report", after the fax is sent. You can set up to three different documents for delayed transmission.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Insert the documents into the feeder.	FAX: NO. & START ON LINE COPY: PRESS COPY ON LINE
2. Press **SUPER Q.SCAN** if you use memory transmission, or not you can send your fax normally.	MEMORY 100% ON LINE ENTER FAX NO. ON LINE
3. Press **FUNCTION**.	ENTER NO. & SET
4. Wait for two seconds.	1.FAX 2.PRINTER

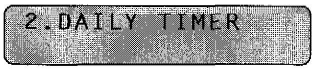
5. Press **1**.	1.FAX
6. Press **1**.	1.TEMP.SETTINGS
7. Press **1**.	1.TIMER
8. Enter the time in 24-hour format using the number keys. Example: **19:45** (7:45 P.M.).	SET TIME=00:00 SET TIME=19:45
9. Wait for two seconds.	1.TIMER
10. Press **STOP**.	ENTER FAX NO. ON LINE MEMORY 100% ON LINE
11. Enter the fax number.	NJ OFFICE ON LINE
12. Press **START**. The machine will wait until the specified time to call.	09/12/1995 15:25 ON LINE

Setting the Daily Timer (for Delayed Transmissions)

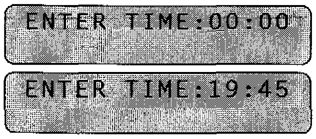
The Daily Timer function lets you send a fax at a set time every day. This is handy for sending delayed jobs that must go out at the same time daily. Once you make this setting, you don't have to enter the time everyday. The setting will stay the same until you change it. So you can use it everyday, or only on days when you need it.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **7**.	7.SETUP SYSTEM

5. Press **2.**

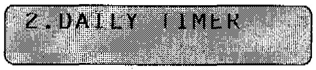

2.DAILY TIMER

6. Enter the time in 24-hour format using the number keys.
   Example: **19:45** (7:45 P.M.).


ENTER TIME:00:00

ENTER TIME:19:45

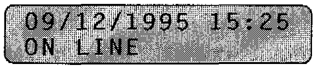
7. Wait for two seconds, press **STOP** to exit.


2.DAILY TIMER

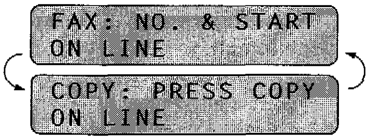
Broadcasting

By using the numbers you have stored for One-Touch dialing, Speed-Dialing, or group dialing, you can automatically send faxes to a maximum of 124 numbers or locations (MFC 4500ML/5500ML), 68 numbers (MFC 4000ML) and 44 numbers (MFC 3900ML) at once. You can not broadcast to a number that has not been stored into memory.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY

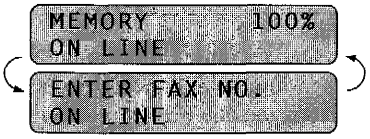

09/12/1995 15:25
ON LINE

1. Insert the documents into the feeder.


FAX: NO. & START
ON LINE

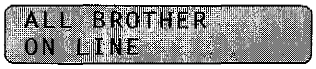
COPY: PRESS COPY
ON LINE

2. Press **SUPER Q.SCAN**.

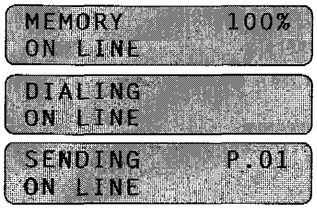

MEMORY 100%
ON LINE

ENTER FAX NO.
ON LINE

3. Enter the One-Touch, Speed-Dial, or group number, one after the other.
   Example: Group number.


ALL BROTHER
ON LINE

4. Press **START** and the machine will read the documents into memory, and then start sending faxes to all the numbers you entered.


MEMORY 100%
ON LINE

DIALING
ON LINE

SENDING P.01
ON LINE

FOR YOUR INFORMATION

Getting Familiar with the Broadcasting Function

* To stop the broadcast in progress, press **STOP**.

* Enter the chain dialing numbers as you normally would, but keep in mind that each key counts as one location, so the number of locations you can call becomes limited. (You have up to 124 locations (MFC 4500ML/ 5500ML), 68 locations (MFC 4000ML), 44 locations (MFC 3900ML) you can call with One-Touch, Speed-Dialing, and group numbers.)

* If the line is busy or for some other reason a connection could not be made during broadcasting, the machine will automatically re-dial the number. (See page 5-7.)

* If the memory is full, press **STOP** to abort the job or press **START** to send the portion that is in the memory (if more than one page has been scanned.) (See page 5-9.)

Helpful Hints

1. Use the Telephone Index to help you choose the numbers which you want to broadcast. (See page 4-2.)
2. After transmission is completed, a Broadcast Report will be printed automatically to let you know the result of transmission.

Sending by Multi-Transmission

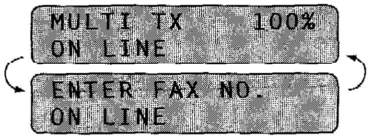
Use multi-transmission for sending several different faxes to several distinations at once. For example, you can automatically fax "Document A" to one destination and "Document B" to another destination.

This is not to be confused with Broadcasting, which is sending one document(s) to many destinations.

If you wish, you can combine this function with broadcasting so that you can fax different documents to different lists of people at the same time. To do this, you store various sets of documents in memory. Then, for example, you can automatically fax "Document A" to one list of people and "Document B" to another list of people. You can preset up to 3 different documents including timer transmission in memory.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Insert "Document A" into the feeder.	FAX: NO. & START ON LINE COPY: PRESS COPY ON LINE

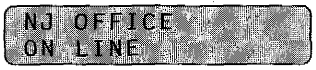
2. Press **SHIFT** + **SUPER Q.SCAN** together to send by multiple transmission.
   The display shows remaining memory.



```
MULTI TX       100%
ON LINE
```

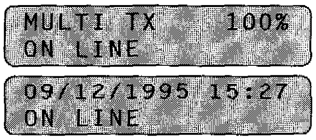
```
ENTER FAX NO.
ON LINE
```

3. Enter the fax number. (Or a series of numbers if you are broadcasting.)



```
NJ OFFICE
ON LINE
```

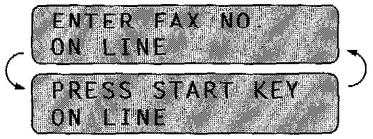
4. Press **START** to start scanning documents.



```
MULTI TX       100%
ON LINE
```

```
09/12/1995 15:27
ON LINE
```

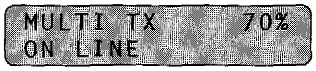
5. Insert "Document B" within 30 seconds after "Document A" has been scanned. (If you wait more than 30 seconds to scan another document, the machine will begin to send the document(s) it has.)



```
ENTER FAX NO.
ON LINE
```

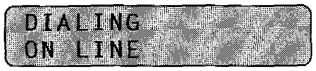
```
PRESS START KEY
ON LINE
```

6. Repeat the step 1, 2, 3, 4 for the third document.



```
MULTI TX        70%
ON LINE
```

7. After 30 seconds, your machine will start sending the documents in scanned order.



```
DIALING
ON LINE
```

After scanning documents, your machine will start sending them in scanned order.

Helpful Hints

1. If you press only **SUPER Q.SCAN** instead of **SHIFT** + **SUPER Q.SCAN** for the last document, your machine will start dialing without waiting for 30 seconds.
2. Multi-transmission is available for up to three destinations, however, this total number includes Timer transmissions. If you set one timer transmission, multi transmission is available for two destinations.

Interrupting the Timer and Polled Job

You can send a fax without canceling the timer (see page 5-9) or polled waiting (see page 7-3) with documents in the feeder by "interrupting" it. When you interrupt the timer to send a "new" set of documents, the machine does not automatically re-dial the number if it is busy. Also, you can not use the function mode when you are interrupting the timer or polled waiting.
Example: TIMER WAITING with a document in the feeder.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	TIMER WAITING ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **0**.	0.INTERRUPT
5. Wait for two seconds.	REMOVE DOCUMENT ON LINE
6. Remove documents from the machine.	INSERT DOCUMENT ON LINE
7. Place the "new" documents into the feeder.	FAX OR COPY ON LINE FUNC 10 TO RESET ON LINE
8. Enter the new fax number for the documents you are sending now, then press **START**.	DIALING ON LINE SENDING P.01 ON LINE
9. After the transmission is finished, place the "old" documents back into the feeder.	INSERT DOCUMENT ON LINE FAX OR COPY ON LINE FUNC 10 TO RESET ON LINE
10. Press **FUNCTION** and **1** and **0** to restore the timer.	0.INTERRUPT TIMER WAITING ON LINE

Canceling a Job

Use the cancel job function to permanently remove scheduled tasks such as polling or polled job (see page 7-3) and timer job (delayed sending) (see page 5-9) from your machine.

Example: TIMER WAITING with documents in the feeder.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	TIMER WAITING ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **2**. Any waiting jobs that have been set up will appear in the display. If no jobs are waiting to be processed, a "NO JOB WAITING" message will appear in the display.	2.CANCEL JOB 19:45 NJ OFFIC SELECT ← → & SET
5. Use ◄ (left arrow) or ► (right arrow) to select the job you wish to cancel.	19:45 NJ OFFIC
6. Press **SET**.	19:45 NJ OFFIC 1.CLEAR 2.EXIT
7. Press **1** to cancel the selected job, or **2** to exit without canceling. If **1** is selected, the job will be canceled and the next job in the queue will appear in the display.	
8. To cancel the next job, press **1** again. To exit, simply press **2**.	

D) FAX TRANSMISSION OPTIONS

Setting the Overseas Mode

If you experience difficulty with sending faxes overseas, you may want to use the Overseas mode. Using the Overseas mode is an effective way to send faxes overseas.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Insert the documents into the feeder.	FAX: NO. & START ON LINE COPY: PRESS COPY ON LINE
2. Press **FUNCTION.**	ENTER NO. & SET
3. Wait for two seconds.	1.FAX 2.PRINTER
4. Press **1**.	1.FAX
5. Press **1**.	1.TEMP.SETTINGS
6. Press **6**.	6.OVERSEAS MODE OVERSEAS:OFF SELECT ← → & SET
7. Press ◄ (left arrow) or ► (right arrow) to switch to ON.	OVERSEAS:ON
8. Press **SET**.	6.OVERSEAS MODE
9. Press **STOP** to exit.	ENTER FAX NO. ON LINE PRESS START KEY ON LINE
10. Then start the fax sending operation. (See page 5-5.)	

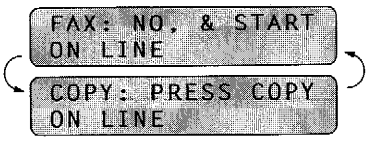
After sending your fax, the overseas mode will switch itself OFF.

Setting Your Machine (MFC) for Multiple Resolution Transmission

This is a temporary setting for the current transmission job only.
You can set the resolution of the documents you send by pressing **RESOLUTION**. Once you set the resolution, all the pages will be sent at the same resolution. However, there may be times when you want to send some pages at one resolution, such as "standard", and other pages in another resolution, such as "photo." If you send all pages in photo resolution, for instance, it would take a great deal of time. It is better to specify the resolution for each page to minimize transmission time. This is made possible by using the 1.TEMP. SETTINGS function.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Insert the documents into the feeder.	FAX: NO. & START ON LINE COPY: PRESS COPY ON LINE
2. Press **FUNCTION**.	ENTER NO. & SET
3. Wait for two seconds.	1.FAX 2.PRINTER
4. Press **1**.	1.FAX
5. Press **1**.	1.TEMP.SETTINGS
6. Press **5**.	5.RESOLUTION
	PAGE 01:STANDARD SELECT ← → & SET
7. Press ◄ (left arrow) or ► (right arrow) to find the resolution you want for the first page of your documents. Example: FINE.	PAGE 01:FINE
8. Press **SET**. Return to step 6 for setting the resolution for page 2 and the following pages.	PAGE 02:FINE

9. When you finish setting the resolution for all your pages, press **STOP**.



FAX: NO. & START
ON LINE

COPY: PRESS COPY
ON LINE

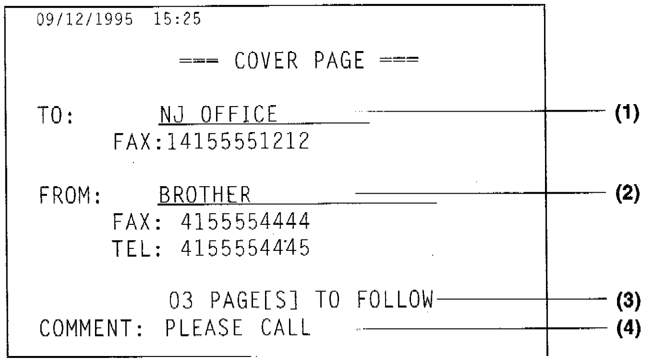
10. Enter the fax number.

11. Press **START**.

The resolution will revert to STANDARD after the documents have been sent.

Sending a Fax with an Electronic Cover Page Message

An automatic Cover Page will allow you to send details of who the fax is going to, who it is from and when it was sent. This is what the Cover Page looks like:



09/12/1995 15:25

=== COVER PAGE ===

TO: NJ OFFICE
FAX:14155551212

FROM: BROTHER
FAX: 4155554444
TEL: 4155554445

03 PAGE[S] TO FOLLOW
COMMENT: PLEASE CALL

(1) The "TO" information comes from the One-Touch or the Speed-Dial memory. If you are dialing manually, the name of the destination will be left blank.

(2) The "FROM" information comes from the Station ID.

(3) The number of pages you are sending. When Cover Page is sent each time by using the automatic settings (see page 5-21~22), the number of pages will be left blank. If you have used the temporary Cover Page setting (see page 22~23), the number of pages you entered will be listed.

(4) Your comments. You may customize the comments (see page 19~20).

FOR YOUR INFORMATION

The Comments Selection on the Cover Page

You can choose one comment from among 6 options. The first option is to send no comment at all. The next 3 are built-in comments, and the last two are ones you can enter yourself. (For more information see below "Customizing Your Cover Page Comment".)

1. COMMENT OFF
2. PLEASE CALL
3. URGENT
4. CONFIDENTIAL
5. (Your own customized comment up to 27 characters.)
6. (Your own customized comment up to 27 characters.)

Customizing Your Cover Page Comment

You can customize the comment on your Cover Page as follows:

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**	1.FAX
4. Press **7**.	7.SETUP SYSTEM
5. Press **6**.	6.SET COVERPAGE
	5. SELECT ← → & SET
6. Press ◄ (left arrow) or ► (right arrow) to select 5 or 6 where you wish to store a comment. Example: 5.	5.

7. Press **SET**.	5._
8. Enter your customized comment by using the number keys (up to 27 characters). (See page 2-11–13 for more details.) Example: TOP SECRET.	5.TOP SECRET
9. Press **SET**.	6.SET COVERPAGE
10. Press **STOP** to exit.	

Printing the Cover Page

You can print a Cover Page to check the format.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**	1.FAX
4. Press **3**.	3.PRINT REPORTS
5. Press **4**.	4.COVERPAGE
	PRESS START KEY
6. Press **START**.	PRINTING

To Always Send a Cover Page

If you often send an automatic Cover Page, you can set it to ON to avoid having to set up the details of the Cover Page each time. Here is how you can switch the setting for the automatic Cover Page to ON or OFF:

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION.**	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**	1.FAX
4. Press **5.**	5.USER OPTIONS
5. Press **3.**	3.COVERPG ON/OFF
	COVERPAGE:OFF SELECT ← → & SET
6. Press ◄ (left arrow) or ► (right arrow) to choose ON or OFF. Example: ON.	COVERPAGE:ON
7. Press **SET.**	1.COMMENT OFF SELECT ← → & SET
8. If you selected ON, you need to select a comment, by pressing ◄ (left arrow) or ► (right arrow). Example: 2.PLEASE CALL. (See page 5-18)	2.PLEASE CALL
9. Press **SET.**	3.COVERPG ON/OFF
10. Press **STOP** to exit.	

FOR YOUR INFORMATION

Sending an Automatic Cover Page

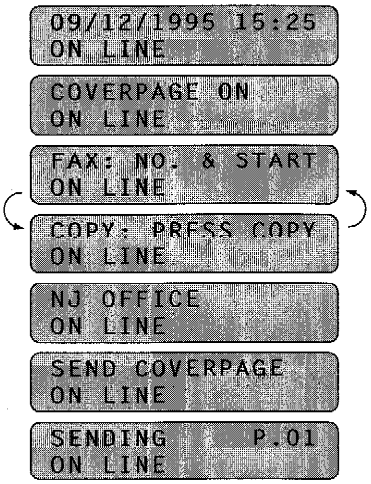
If you have the Cover Page ON/OFF setting to ON, the total number of pages will not be printed on the Cover Page. Also, the comment you selected when you set it to ON will be printed on all the Cover Pages you send.

Sending a Fax When the Cover Page Is ON

KEYS TO BE PRESSED

1. Insert the documents into the feeder. The display will say "COVERPAGE ON" for one second.
2. Enter the fax number.
3. Press **START**.
   Your machine will begin transmitting the Cover Page and original document.

STATUS OF LCD DISPLAY



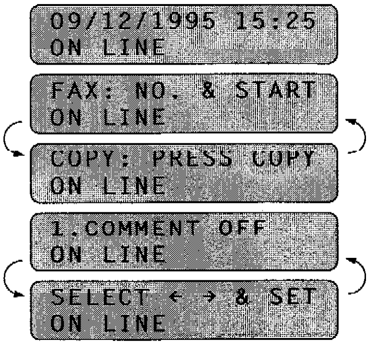
```
09/12/1995 15:25
ON LINE

COVERPAGE ON
ON LINE

FAX: NO. & START
ON LINE

COPY: PRESS COPY
ON LINE

NJ OFFICE
ON LINE

SEND COVERPAGE
ON LINE

SENDING     P.01
ON LINE
```

Using the Cover Page Temporarily

KEYS TO BE PRESSED

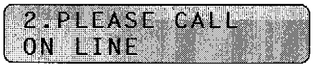
1. Insert the documents into the feeder.
2. Press **COVER PAGE**.

STATUS OF LCD DISPLAY



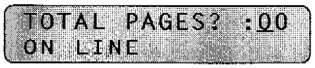
```
09/12/1995 15:25
ON LINE

FAX: NO. & START
ON LINE

COPY: PRESS COPY
ON LINE

1.COMMENT OFF
ON LINE

SELECT ← → & SET
ON LINE
```

3. Press ◄ (left arrow) or ► (right arrow) to select the comment you want.
Example: 2.PLEASE CALL.



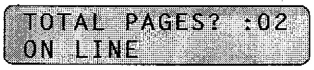
2.PLEASE CALL
ON LINE

4. Press **SET**.



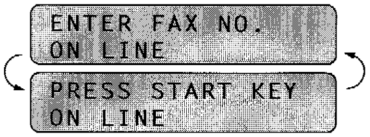
TOTAL PAGES? :00
ON LINE

5. Enter the number of pages you are sending. (Enter "0", "0" to leave the number of pages blank.)



TOTAL PAGES? :02
ON LINE

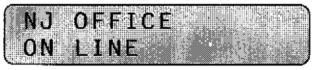
6. Wait for two seconds.



ENTER FAX NO.
ON LINE

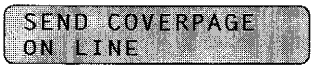
PRESS START KEY
ON LINE

7. Enter the fax number.

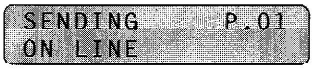


NJ OFFICE
ON LINE

8. Press **START**.



SEND COVERPAGE
ON LINE



SENDING P.01
ON LINE

Helpful Hints

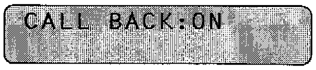
- Even if the Cover Page ON/OFF setting is ON, you can avoid sending an automatic Cover Page by pressing **COVERPAGE** once to turn off the Cover Page for that transmission.
- If you want the total number of pages sent to be printed on the cover page, press **COVERPAGE** once to set the COVERPAGE ON/OFF option to OFF. Then press **COVERPAGE** once again and enter the number of pages. (See page 5-22~23.)

Sending a Fax with Call Reservation (Talking to the person after you have sent a fax)

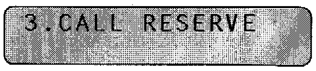
You can send a fax and then talk to the recipient using the Call Reservation feature. After your fax has been printed on the receiving end, the receiving fax machine will ring as if it were receiving a telephone call. If the recipient picks up the handset, your machine will ring. Then you can pick up your handset and start a conversation. If you have both Call Reservation and Call Back Message set to ON and the recipient does not pick up the handset when it rings, your machine will leave a fax message asking them to call you.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Insert the documents into the feeder.	FAX: NO. & START ON LINE COPY: PRESS COPY ON LINE
2. Press **FUNCTION**.	ENTER NO. & SET
3. Wait for two seconds.	1.FAX 2.PRINTER
4. Press **1**.	1.FAX
5. Press **1**.	1.TEMP.SETTINGS
6. Press **3**.	3.CALL RESERVE CALL RESERVE:OFF SELECT ← → & SET
7. Press ◄ (left arrow) or ► (right arrow) to select Call Reservation ON or OFF. Example: Call Reserve ON.	CALL RESERVE:ON
8. Press **SET**.	CALL BACK:OFF SELECT ← → & SET

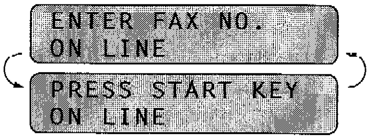
9. Press ◄ (left arrow) or ► (right arrow) to select Call Back Message ON or OFF. Example: Call Back Message ON.


CALL BACK:ON

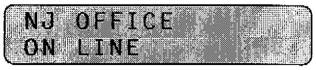
10. Press **SET**.


3.CALL RESERVE

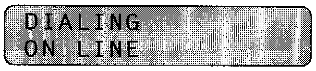
11. Press **STOP**.


ENTER FAX NO.
ON LINE
PRESS START KEY
ON LINE

12. Enter the fax number.


NJ OFFICE
ON LINE

13. Press **START**.


DIALING
ON LINE

14. Pick up your handset if it rings.

```
09/12/1995  15:25

         === CALL BACK MESSAGE ===

TO:        NJ OFFICE
       FAX: 14155551212

FROM:      BROTHER

PLEASE CALL AT[TEL] 4155554445
              [FAX] 4155554444
```

FOR YOUR INFORMATION

Using the Call Reservation Function

1. There are some fax machines that will not respond to this function.
2. When you use auto re-dialing, you cannot use the Call Reservation function, but if Call Back Message is ON, your machine will leave a Call Back Message to ask the other party call you.
3. You cannot use Call Reservation with the timer or with the polling function.
4. **You must register your Station ID number to set Call Back Message: ON. (See page 3-3~4.)**

Printing the Call Back Message

You can print a sample Call Back Message to check the format.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **3**.	3.PRINT REPORTS
5. Press **5**.	5.CALL BACK MSG
	PRESS START KEY
6. Press **START**.	PRINTING

ECM (Error Correction Mode)

The Error Correction Mode (ECM) is a way for the machine (MFC) to check the integrity of a fax transmission while it is in progress. ECM transmissions are possible only between machines that both have the ECM feature. If they do, you may send and receive a fax messages that are continually checked for its integrity.

Sufficient memory must be available in your machine for this feature to work.

Error Re-Transmission

Error Re-Transmission is helpful when the receiving machine does not have ECM. Even though your machine cannot check the integrity of the message, it will resend the page(s) effected after occurrences of accidental noise have caused an error.
- **This feature is only available for memory transmission using Super Quick-Scan (see page 5-8~13).**

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **5**.	5.USER OPTIONS
5. Press **4**.	4.ERROR RE-TX ERROR RE-TX:OFF SELECT ← → & SET
6. Press ◄ (left arrow) or ► (right arrow) to choose either ON or OFF. Example: ON.	ERROR RE-TX:ON
7. Press **SET**.	4.ERROR RE-TX
8. Press **STOP** to exit.	

Next-FAX Reservation

You can use Next-FAX Reservation for sending a fax when the machine is busy receiving or transmitting from memory. This function saves you from having to wait until the incoming fax has printed or the fax stored in memory has finished transmission. To use the Next-FAX Reservation feature insert the documents as you normally would and follow a few other simple steps.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	RECEIVING P.01 ON LINE
1. Insert the documents into the feeder.	ENTER No & START ON LINE
2. Enter a fax number.	14155551234 ON LINE
3. Press **START**.	PRESS SET ON LINE
4. Press **SET**.	NEXT-FAX RESERVD ON LINE
	09/12/1995 15:25 ON LINE
	DIALING ON LINE

- If a One-Touch or SPEED DIAL number is selected that is not stored, a warning beep will sound.

FOR YOUR INFORMATION

1. Next-FAX Reservation cannot be used when there are documents in the document feeder awaiting timer transmission or polled waiting or when the interrupt function is in use.
2. When you are making a call using Next-FAX Reservation, you can dial manually, or use One-Touch, Speed-Dial, Redial, or Chain dialing. However, when you use One-Touch dialing, the screen will only display the number of the One-Touch number you are using, such as "*01" and not the name of the person you are calling. Similarly, if you use Speed-dialing, the screen will show you only the Speed-Dial number, such as "#02".
3. You can set the resolution for Next-FAX Reservation by pressing **RESOLUTION**, but you can not change any settings using the **FUNCTION** key. (For example you cannot change a setting for multiple resolution transmission by using function mode.)
4. To cancel a Next-FAX Reservation, remove the documents and press **STOP**.

6. RECEIVING FAXES AND OTHER CALLS

A) BASIC SETUP TO RECEIVE FAXES

Selecting an Answer Mode

There are 4 answer modes for your machine. You can choose one by pressing **MODE** repeatedly until you find the mode you want. Choose one that suits your needs. If you need more information about a particular mode, refer to the page number given.

(○ means light off. ● means light on.)

Answer Mode		For	See Page
1. **MANUAL**	○ AUTO TAD ○ F/T	You must answer each call manually. Use this mode mainly for the telephone use.	6-2

If you want to answer each incoming call, choose MANUAL mode.

2. **AUTO**	● AUTO TAD ○ F/T	Dedicated fax use. Telephone line and fax line are separate.	6-2

If you use your telephone line exclusively for sending and receiving faxes, you may want to use AUTO mode. In this mode, you can receive all your incoming faxes automatically.

3. **F/T**	○ AUTO TAD ● F/T	Both fax and telephone use. When you share one line for your telephone and fax machine.	6-3

If you want to use your telephone line for both fax and telephone, you may want to choose F/T mode. In F/T mode, your machine will answer incoming faxes automatically.

4. **TAD**	● AUTO TAD ● F/T	For use with an external TAD (Telephone Answering Device). When you are not at home.	6-14

- When you want to use your machine together with a telephone answering machine, choose TAD mode.
- The TAD must be a physical device that is connected to the "EXT." jack on the back of the machine. (See page 6-14.)
- **TAD mode will not work with an outside telephone answering service.**

Manual Reception (MANUAL Mode)

When you set the Answer Mode to manual, you must answer each incoming call yourself. Here is what you should do when using MANUAL Mode:

If You Get a...	**Then You Should...**
1. Regular phone call	Talk as you normally would.
2. Phone call and request to send a fax	Press **START** when finished talking, and replace the handset. Note: Sender must also press **START**.
3. Fax tone...	Press **START**, and replace the handset.

Automatic Fax Only Reception (AUTO Mode)

You can automatically receive all your faxes in Automatic Fax Reception mode (AUTO light is ON). Select this mode by pressing **MODE**.

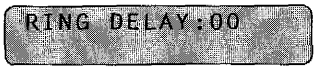
Setting the Ring Delay

You can set up the number of rings before the machine will receive automatically in AUTO and F/T mode.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **6**.	6.TEL OPTIONS
5. Press **2**.	2.RING DELAY
	RING DELAY:02
	SELECT ← → & SET

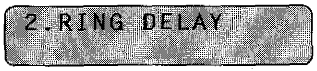
6. Press ◄ (left arrow) or ► (right arrow) repeatedly until you find the number of rings you want.
   Example: 00.

   When you set 00, you can receive your incoming faxes without ringing.



RING DELAY:00

7. Press **SET**.

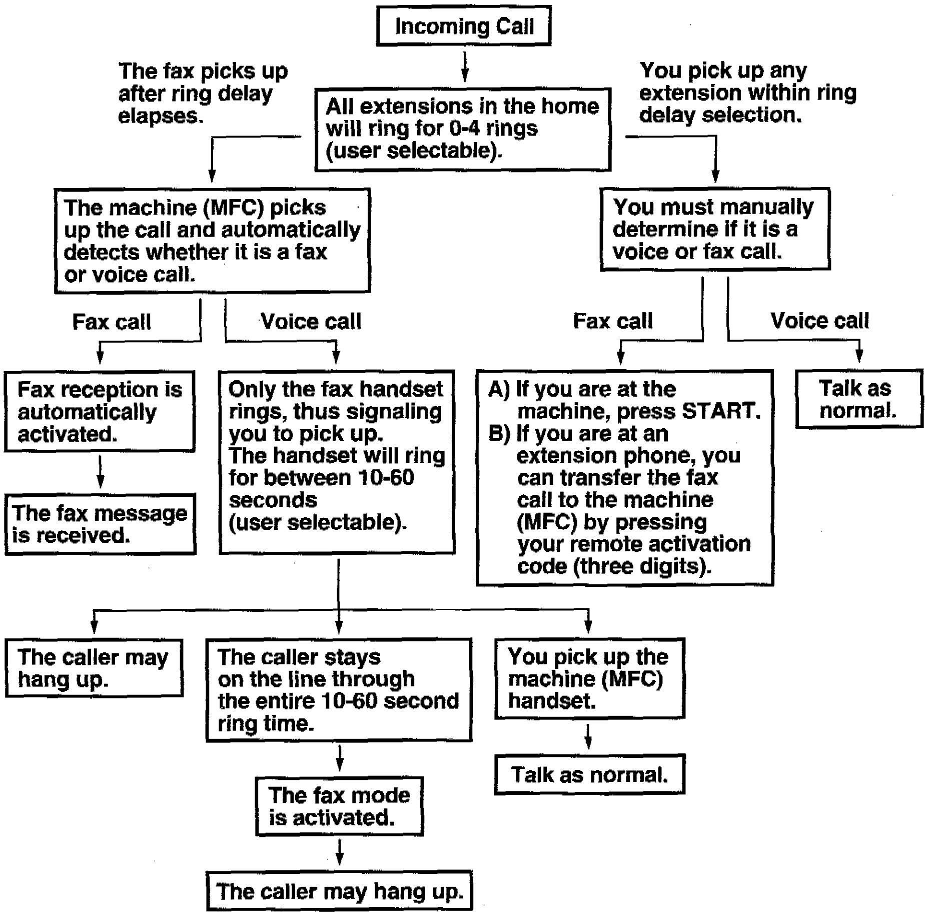


2.RING DELAY

8. Press **STOP** to exit.

The F/T Switch (F/T Mode)

When you share one line for your telephone and fax application, in the F/T switch mode, the machine can determine whether an incoming call is a fax or a telephone call. (See Chart below.)


Incoming Call
The fax picks up after ring delay elapses.
All extensions in the home will ring for 0-4 rings (user selectable).
You pick up any extension within ring delay selection.
The machine (MFC) picks up the call and automatically detects whether it is a fax or voice call.
You must manually determine if it is a voice or fax call.
Fax call
Voice call
Fax call
Voice call
Fax reception is automatically activated.
Only the fax handset rings, thus signaling you to pick up. The handset will ring for between 10-60 seconds (user selectable).
A) If you are at the machine, press START.
B) If you are at an extension phone, you can transfer the fax call to the machine (MFC) by pressing your remote activation code (three digits).
Talk as normal.
The fax message is received.
The caller may hang up.
The caller stays on the line through the entire 10-60 second ring time.
You pick up the machine (MFC) handset.
The fax mode is activated.
Talk as normal.
The caller may hang up.

Setting the F/T Ring Time

You can specify the maximum time you want the machine to ring to notify you after it has answered a telephone call. There are four predefined settings; 10, 20, 30, or 60 seconds. Duning this time, only the machine will ring. No other phones on the same line will ring.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **6**.	6.TEL OPTIONS
5. Press **5**.	5.F/T RING TIME
	RING TIME:20 SEC
	SELECT ← → & SET
6. Press ◄ (left arrow) or ► (right arrow) repeatedly until you find the setting you want. Example: 10 sec.	RING TIME:10 SEC
7. Press **SET**.	5.F/T RING TIME
8. Press **STOP** to exit.	

Smoothing

The smoothing feature enhances the appearance of incoming faxes by making the lines smooth and takes no additional time. This function does not apply to outgoing faxes, or to lists or reports you print. The initial setting is ON.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET

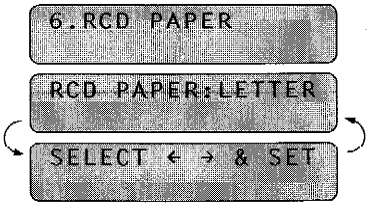
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **5**.	5.USER OPTIONS
5. Press **1**.	1.SMOOTHING
	SMOOTHING:ON
	SELECT ← → & SET
6. Press ◄ (left arrow) or ► (right arrow) to choose ON or OFF. Example: OFF.	SMOOTHING:OFF
7. Press **SET**.	1.SMOOTHING
8. Press **STOP** to exit.	

Setting the Size of the Recording Paper

There are three different settings for the size of the recording (printing) paper. The machine will automatically reduces and prints the incoming data according to the setting of the recording paper size.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **5**.	5.USER OPTIONS

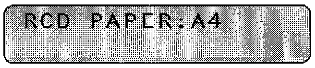
5. Press **6**.


6.RCD PAPER

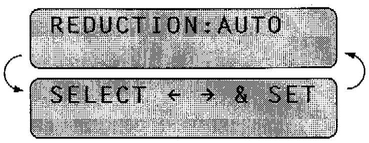
RCD PAPER:LETTER

SELECT ← → & SET

6. Press ◀ (left arrow) or ▶ (right arrow) to select either LETTER, LEGAL or A4.
   Example : A4

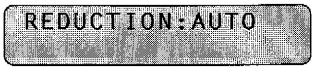

RCD PAPER:A4

7. Press **SET**.
   Go to the REDUCTION setting in Function menu 1-5-5. (See page 6-6~8.)

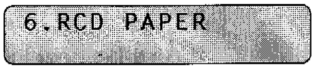

REDUCTION:AUTO

SELECT ← → & SET

8. Press ◀ (left arrow) or ▶ (right arrow) to select either AUTO, 100%, 93%, 87%, or 75%.
   Example: AUTO


REDUCTION:AUTO

9. Press **SET**.


6.RCD PAPER

10. Press **STOP** to exit.

NOTICE

Regardless of the actual size of the recording paper, the machine will calculate the reduction ratio by this setting. So when you change the recording paper, you must also change this setting to get the correct reduction. You machine is only available to record letter, legal, A4 paper for incoming fax document.

Printing a Reduced Size Copy of the Incoming Document

You can avoid separating data even if the document is longer than the recording paper by using this function to print a reduction of the document. There are two types of reduction: Auto Reduction and Fixed Reduction.

Auto Reduction

Regardless of the original size of the incoming document, it will be reduced so that it fits on one page of recording paper. The machine will automatically calculate the reduction ratio by taking into account the size of the incoming document and the size of the recording paper you selected in Function menu 1-5-6. (See page 6-5.)

Using Fixed Reduction Ratios

You can select that a incoming document will be reduced at a fixed reduction ratio regardless of the size of the recording paper. The reduction ratio can be selected from among four choices: 100%, 93%, 87%, or 75%.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **5**.	5.USER OPTIONS
5. Press **5**.	5.REDUCTION REDUCTION:AUTO SELECT ← → & SET
6. Press ◄ (left arrow) or ► (right arrow) to select the reduction ratio you want : - If you want Auto Reduction, choose "AUTO". - Choose 93%, 87%, or 75% if you want Fixed Reduction. Example: 93% - Choose 100% if you want to record the same size.	REDUCTION: 93%
7. Press **SET**.	5.REDUCTION
8. Press **STOP** to exit.	

NOTICE

- You can use Auto Reduction to reduce incoming documents to fit on one page of recording paper, only as long as the original document is not longer than legal size. If the original is longer than legal size, the data will not be reduced (see the For Your Information below.) and will carry over to print on a second page.
- When you use Auto Reduction and you receive an incoming document that is smaller than your recording paper, no reduction will take place.
- When selecting Fixed Reduction, you must consider the size of the recording paper as registered in Function menu 1-5-6. (See page 6-5.) If you selected letter size, you can choose a reduction of 93%, 87%, or 75%. If you selected A4 size, you can choose a reduction of only 93% or 87%. And if you selected legal size, you can choose only 93%.

FOR YOUR INFORMATION

Selecting the Ratios of Fixed Reduction

Other party sends you a document the size of...	Your receiving paper size is:	Recommended Reduction Ratio is:
Letter document (8.5"x11") (mostly Domestic communications)	Letter	93%
	A4, Legal	100%
A4 document (8.2"x11.6") (mostly International communications)	Letter	87%
	A4	93%
	Legal	100%
Legal documents (8.5"x14")	Letter	75%
	Legal	93%

Toner Save Function

This function lets you extend the life of the toner by conserving its use. When the Toner Save is set to ON, the print appears somewhat lighter. This feature is also available in copying. The default setting is OFF.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **5**.	5.USER OPTIONS
5. Press **7**.	7.TONER SAVE
	TONER SAVE:OFF
	SELECT ← → & SET
6. Press ◄ (left arrow) or ► (right arrow) to select either ON or OFF. Example: ON.	TONER SAVE:ON
7. Press **SET**.	7.TONER SAVE
8. Press **STOP** to exit.	

Speaker Volume

There are three settings available for the speaker volume, OFF, LOW, or HIGH. This setting controls the loudness of the machine (MFC)'s speaker, which is connected to the phone line. The initial setting is LOW.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **6**.	6.TEL OPTIONS
5. Press **4**.	4.SPEAKER VOLUME
	SPEAKER:LOW SELECT ← → & SET
6. Press ◄ (left arrow) or ► (right arrow) to choose a setting either OFF, LOW, or HIGH. Example: HIGH.	SPEAKER:HIGH
7. Press **SET**.	4.SPEAKER VOLUME
8. Press **STOP** to exit.	

Ring Volume

You can set the ring volume to either OFF, LOW or HIGH. The initial setting is HIGH.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **6**.	6.TEL OPTIONS
5. Press **6**.	6.RING VOLUME
	RING VOLUME:HIGH SELECT ← → & SET
6. Press ◄ (left arrow) or ► (right arrow) to choose either OFF, LOW, or HIGH. Example: LOW.	RING VOLUME:LOW
7. Press **SET**.	6.RING VOLUME
8. Press **STOP** to exit.	

Helpful Hints Even if you select OFF, the ring volume will be LOW for F/T ringing, Call Reservation ringing and when the Distinctive ringing mode is SET.

FOR YOUR INFORMATION

Reception into Memory/Out of Paper Reception

If the paper cassette is empty, the LCD will display the message "PAPER EMPTY". Then please add more recording paper.

Your machine will automatically store any incoming faxes in its memory if it runs out of paper. The contents of the memory will be printed when you replace the new recording paper. The memory will not be lost as long as you do not turn off the machine or disconnect the power.

B) REMOTE ACTIVATION

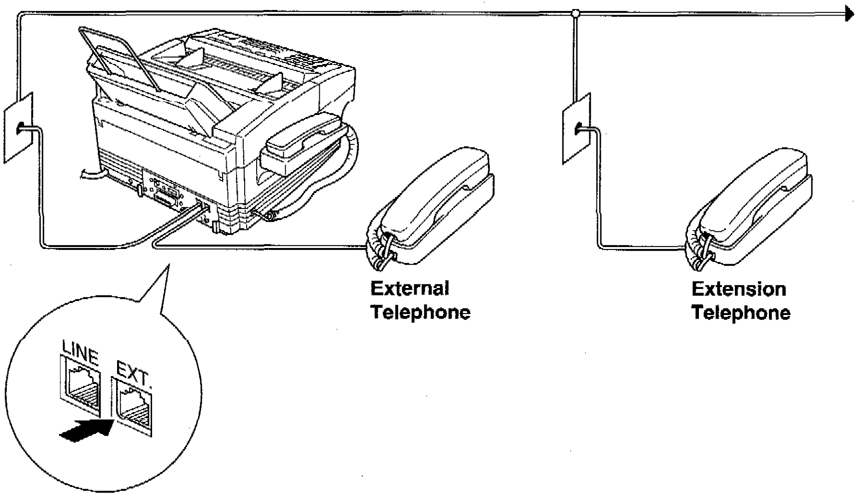
What is Remote Activation

If you are using a touch tone phone, you can remotely activate or deactivate your machine from an external phone (a phone connected to your machine) or from an extension phone (a phone connected to the same line as your machine).

FOR YOUR INFORMATION

Connecting an External or Extension Telephone to the Unit

You may connect an external or extension telephone to your machine, as shown below. Use the "EXT." jack on your machine.
Alternatively, you may wish to use this "EXT." jack to connect a telephone answering device (TAD).



If the external telephone is in use, the warning message "EXT. TEL IN USE" will be displayed on the fax LCD. When the handset on the fax machine is picked up, an alarm will sound. You can disconnect the external phone and switch to the machine's handset by pressing **HOOK**.

Using Remote Codes

If you accidentally pick up an incoming fax call (you will hear the caller's machine's fax tones) on an external phone (that is connected to the MFC) or extension phone (a phone connected elsewhere on the same phone line) you can transfer this call back to the MFC by using a special remote activation code (*51) that you key in from the external or extension's phone's handset. This will turn on the MFC to start receiving the fax. You can also start receiving a fax during a call by keying in the same code. Similary, if you pick up a telephone call on an extension phone but the machine already takes the line and enters into F/T ringing, you can transfer this call back to the extension phone by keying a remote deactivation code (#51) from an extension handset.
If you wish to change the remote code numbers you can do so. (Please see the section below.)
Please check that the factory preset codes (*51, #51) do not conflict with any other equipment used on the same line.

FOR YOUR INFORMATION

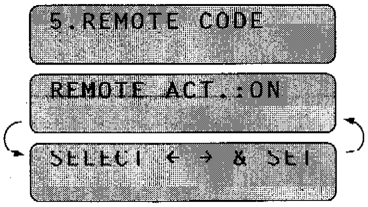
The Limitation of Using External (or Extension) Phones

1. If you accidentally pick up an extension phone when a fax is coming in, you may disrupt the transmission or render some portions unreadable. Error codes may be encountered.
2. The remote activation and deactivation codes may not work with some telephone systems or telephone sets.

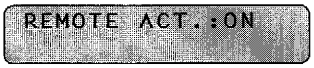
Changing and Registering Remote Codes

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **7**.	7.SETUP SYSTEM

5. Press **5**.

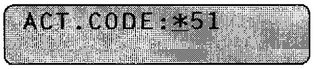

5.REMOTE CODE
REMOTE ACT.:ON
SELECT ← → & SET

6. Press ◄ (left arrow) or ► (right arrow) to choose ON or OFF.
   Example: ON.

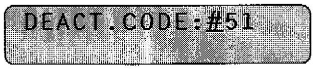

REMOTE ACT.:ON

7. Press **SET**.

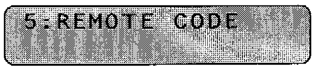
8. Enter new remote code to activate. (Factory setting is "✻51".) Then wait for 2 seconds.


ACT.CODE:✻51

9. Enter new remote code to deactivate. (Factory setting is "#51".)


DEACT.CODE:#51

10. Wait for 2 seconds.


5:REMOTE CODE

11. Press **STOP** to exit.

C) CONNECTION TO A TELEPHONE ANSWERING DEVICE (TAD)

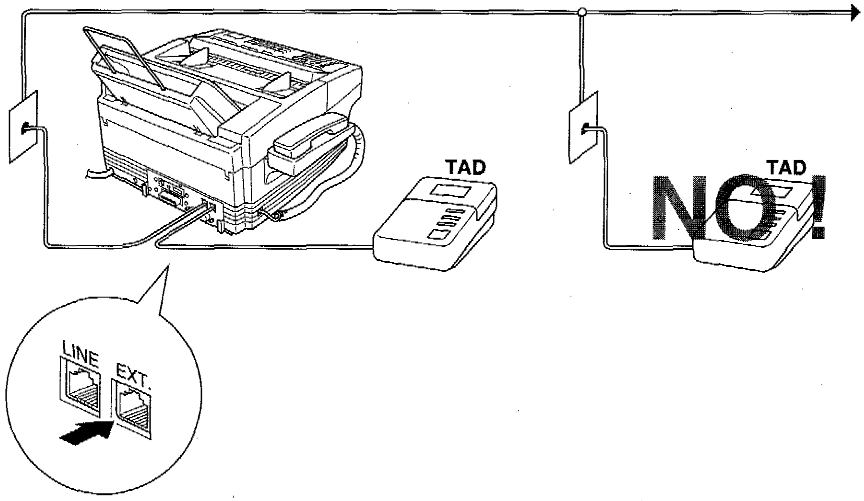
The TAD Mode

When you leave your MFC set in TAD mode, phone calls will be forwarded to the telephone answering device, which is externally connected to your machine (MFC). And your fax calls will be received by the fax automatically.

FOR YOUR INFORMATION

Connecting an External TAD to the Unit

You may connect an external TAD to your machine (MFC), as shown below. Use the "EXT." jack on your machine.



- **Do not connect a TAD elsewhere on the same phone line. This will cause problems using both your fax and TAD on this line.**

Helpful Hints

When You Use TAD Mode

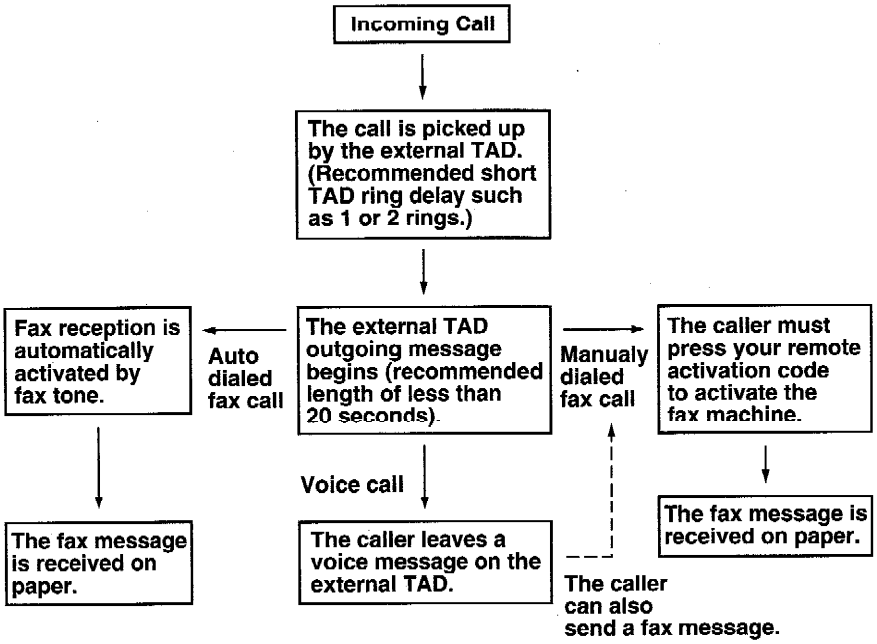
1. You can inform callers beforehand that if they call manually and get your telephone answering device when they want to send a fax, all they have to do is press your remote code (∗51 unless you have changed it) to activate your machine (MFC) from a touch tone phone.

2. Another alternative is to record a TAD message that says, for example, "This answering machine is connected to a fax unit. If you wish to leave a voice message, please speak after the beep. If you wish to send a fax message, please press (your remote activation code) after the beep. Thank you."

3. You need to erase the incoming messages on your external telephone answering device when it's full, or your machine (MFC) will not answer any calls in TAD mode, faxes or otherwise.

FOR YOUR INFORMATION

Sequence of TAD Mode Reception


Incoming Call
The call is picked up by the external TAD. (Recommended short TAD ring delay such as 1 or 2 rings.)
The external TAD outgoing message begins (recommended length of less than 20 seconds).
Auto dialed fax call
Fax reception is automatically activated by fax tone.
The fax message is received on paper.
Manualy dialed fax call
The caller must press your remote activation code to activate the fax machine.
The fax message is received on paper.
Voice call
The caller leaves a voice message on the external TAD.
The caller can also send a fax message.

Suggested Telephone Answering Device Setup

1. Set the telephone answering device so that it is ready to record incoming telephone calls.
2. Set the number of rings to **one or two** on your telephone answering device.
3. Try to record the shortest possible message on your telephone answering device (**up to 20 seconds**).

Please note that some faxes that are sent manually cannot be received automatically because some fax machines do not send a fax tone in manual mode.
So you must indicate a remote activation code for the caller to enter on your outgoing message. (See page 6-13.)

D) DISTINCTIVE RINGING

Distinctive Ringing

FOR YOUR INFORMATION

What Is Distinctive Ringing?

Distinctive ringing is a service offered by telephone carriers that allows you to have several different numbers on one line, each with its own distinctive ring. This way, when you get an incoming call, you can identify what number is being called by the ring pattern. Your local telephone carrier can provide you with more information about this service. This service is usually offered as a monthly charge to your normal phone bill.

Can My machine (MFC) Utilize Distinctive Ringing?

Yes, it has a distinctive ringing function that allows you to register one additional distinctive ring pattern. (See page 6-17~21.) The ring pattern you register should be for the number you want to use as your dedicated fax number. Once you register the pattern, your machine (MFC) will be able to identify its own incoming calls and automatically start to receive faxes, regardless of how you last set the answer mode. You can only register one additional ring pattern.

Can I Change the Setting Later?

Yes, you can change or cancel the distinctive ringing setting anytime.

How Will the machine (MFC) Treat All Other Distinctive Ringing?

It will act the way it normally does. In other words, the machine will treat all the other unregistered, distinctive rings according to the machine's answer mode setting (MANUAL, AUTO, F/T, or TAD). For instance, if a call comes in that is not for your (registered) dedicated fax number, and the machine is set to MANUAL, the machine will respond as per the MANUAL mode.

How Does the Distinctive Ringing Function Work?

When you receive an incoming call, the machine compares the ring pattern with the one that is registered. If the two are identical, then the machine automatically accepts the call as an incoming fax. Otherwise, the machine will treat the call in the usual way, depending on the machine's answer mode setting (MANUAL, AUTO, F/T, or TAD). The function has 3 modes: (ON, SET, OFF). Set it to ON when you want to use it, and to OFF when you do not want to use it. Use the SET mode for registering a number.

FOR YOUR INFORMATION

What's the Advantage of Using the Distinctive Ringing Function?

By registering a ring pattern (see page 6-18~20) you may operate your machine in the most efficient way possible should you require the distinctive ringing service. With the distinctive function ON, you can receive your faxes automatically, and people who call you on one of your other numbers do not have to talk to your machine. It basically gives you two independent numbers by using only one line.

Helpful Hints

If You Do Not Have a Distinctive Ringing Service...
Your phone carrier can give you more information about it. **If you are not currently using a distinctive ringing service, don't try to set up your distinctive ring feature. It may cause your machine to malfunction.** If your phone carrier provides this service and you decide to use it, it's a good idea to use one of the new numbers you receive for your fax number and keep the old number for it's original purpose. Remember to tell your customers and colleagues your new fax number.

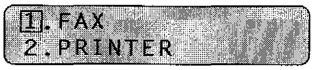
If You Already Have a Distinctive Ringing Service...
It is a good idea to register the ring pattern of your existing dedicated fax number. Use the registration mode under the distinctive ringing function. You will not be able to use the machine's distinctive ringing feature until this pattern has been registered. (See this page.)

Setting the Distinctive Ringing Function

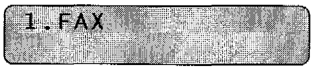
If you currently have a distinctive ringing service (a telephone service that provides you with multiple numbers, each with a distinctive ring, on one line), you can register any one of the ring patterns of your line with your machine so that it can immediately identify a call as an incoming fax by the distinctive ring pattern it uses. You also will need to arrange to have someone call your machine (MFC) to use the distinctive ring number.
You may have difficulty registering a distinctive ring pattern if your machine (MFC) is connected to a telephone answering device. Disconnect it before you set this function.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET

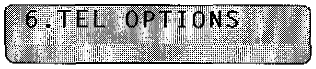
2. Wait for two seconds.


1. FAX
2. PRINTER

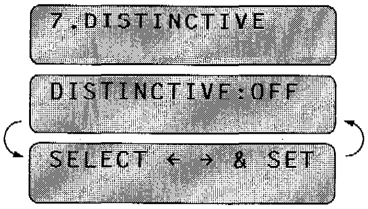
3. Press **1**.


1. FAX

4. Press **6**.


6. TEL OPTIONS

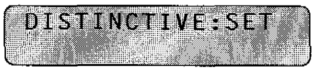
5. Press **7**.


7. DISTINCTIVE

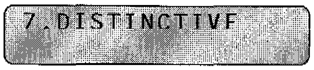
DISTINCTIVE:OFF

SELECT ← → & SET

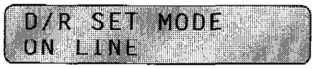
6. Press ◄ (left arrow) or ► (right arrow) to find the SET mode.


DISTINCTIVE:SET

7. Press **SET**.


7. DISTINCTIVE

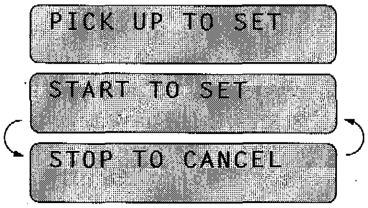
8. Press **STOP**.


D/R SET MODE
ON LINE

IMPORTANT:

- "D/R SET MODE" stays on screen until set.
- Answer mode LED is flashing.
- You now must wait for someone to call the dedicated line's fax number with distinctive pattern or ask a friend to call your specific distinctive ring fax number.

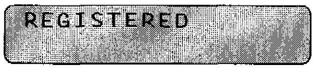
9. Once someone calls, listen carefully and see if the ring pattern is the distinctive pattern corresponding to the number you want to register. If it is and the LCD shows the message "PICK UP TO SET", after two or more rings lift up the handset on the machine.


PICK UP TO SET

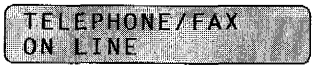
START TO SET

STOP TO CANCEL

10. Press **START** to set (or **STOP** to cancel).


REGISTERED

11. Press **START** again to receive the incoming fax, or if the call is a voice call, talk into the handset.


TELEPHONE/FAX
ON LINE

FOR YOUR INFORMATION

While You Are Setting the Distinctive Ringing Function:

1. When someone calls your machine (MFC), it will continue to ring until you pick up the handset or press **HOOK**, even if you have set the number of rings.
2. If you get a call and the ring pattern is NOT the one you want to register, press **STOP**. (See step 9 in the previous page to cancel programming.)
3. There are some ring patterns that cannot be registered. Try a different one.
4. Answer mode is automatically switched to MANUAL during registration. The answer mode that you had set before distinctive ringing registration will flash.

Once You Have Finished Setting the Distinctive Ringing Function:

1. Some Telephone Answering Devices may pick up a call before your machine (MFC) finishes detecting the ringing pattern. We suggest you set your Answering Device ring delay to its maximum setting.
2. You will not hear the first two rings of all incoming calls on the machine (MFC). However, other extension phones connected to the same line, or any external phones connected to the machine (MFC) will ring. If the machine recognizes the distinctive ring pattern, it will automatically accept the call as an incoming fax, and you will not hear any further ringing. If it does not, you will hear the phones continue to ring, and the machine will also ring.
3. You can still receive faxes on numbers other than the one you registered. The machine (MFC) will respond to these calls according to how you have set the answer mode (MANUAL, AUTO, F/T, or TAD).

Helpful Hints Remember that you should let your phone ring at least twice before answering to allow the machine (MFC) to pick up first if necessary. Answering an incoming call before two rings will defeat the purpose of the distinctive ringing function. You should turn the distinctive ringing function to OFF temporarily if you move and/or get a new number. To turn off the distinctive ringing set-up go into function mode. (See page below.)

How to Turn the Distinctive Ringing Function ON or OFF

The distinctive ringing function is designed to accommodate the distinctive ringing service (a telephone service that provides you with multiple numbers, each with a distinctive ring, on one line). Please note that you need to register the ring pattern of your fax number before you can set the distinctive ringing mode ON. (See page 6-18.)

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **6**.	6.TEL OPTIONS
5. Press **7**.	7.DISTINCTIVE DISTINCTIVE:OFF SELECT ← → & SET
6. Press ◄ (left arrow) or ► (right arrow) to find the mode (OFF, SET, ON) you want. Example: ON.	DISTINCTIVE:ON
7. Press **SET**.	7.DISTINCTIVE
8. Press **STOP** to exit.	

FOR YOUR INFORMATION

- If you wish to use an external Telephone Answering Device (TAD) and the distinctive ringing feature with your machine (MFC):

1. You must use the distinctive ringing pattern for your fax number, otherwise both the TAD and fax may conflict in picking up the call.
2. Select the TAD mode on your machine (MFC) (see page 6-1).
3. Connect the external TAD into EXT. jack of your machine (MFC) (see page 6-15). Do not parallel connect the external TAD into other wall jack.
4. You must set the external TAD to its maximum ring delay setting (minimum 4 rings).
5. You can not use the Toll Saver feature of the external TAD when using the distinctive ringing feature.

- If you do not use an external Telephone Answering Device (TAD) with your machine (MFC):

  Select the MANUAL mode on your machine (MFC) (see page 6-1).

7. POLLING

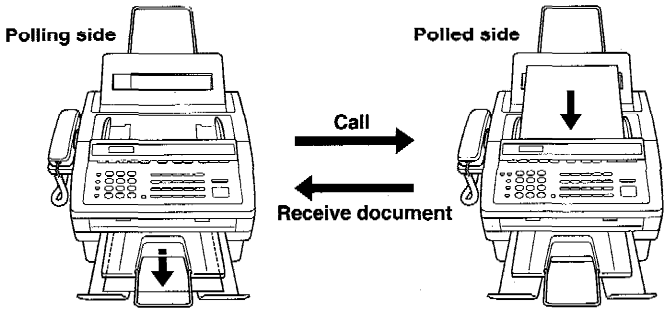
FOR YOUR INFORMATION

What Is Polling?

Polling is the process of **retrieving** faxes from another fax machine. You may use your machine to "poll" other machines, or you may ask someone to poll your machine. The party who polls pays for the cost of the call.

How Does It Work?

First all parties set up their fax machines so that they can accommodate polling. Then one party leaves documents in the fax machine so that the other party can call and have the documents sent to them.



When to Use Polling?

Use polling to control the cost of who pays for sending a fax.

1. If **you** want to pay for the cost of the call: Send out faxes to other parties as you normally would, and if another party has documents to send you, ask if you can poll for them.
2. If you want **others** to pay for the cost of the call: Ask them to poll your fax machine for documents they want, and have them fax any documents that you want.

* There are some fax machines that will not respond to the polling function.

Helpful Hints **Using Polling Effectively (Examples)**

Problem No. 1: You want another party to send you a long fax, but they do not want to pay for the call.

Solution: Ask them to leave the document in their fax machine so you can poll for it.

Problem No. 2: Sales representatives have difficulty sending in faxes to the head office's fax machine because it is busy so much of the time.

Solution: Head office can poll the sales representatives' fax machines.

Problem No. 3: Because of the time or location, it is cheaper for someone else to call you than it is for you to make the call.

Solution: Ask the other party to poll for the documents and offer to pay for the call at their lower rate.

Polling Another Fax Machine (Calling)

Once you have set up polling, as described below, and the other party has set their fax machine to "POLLED WAITING", you can automatically receive their documents.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
Make sure there are no documents in your feeder.	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **1**.	1.TEMP.SETTINGS
5. Press **2**.	2.POLLING
6. Wait for two seconds.	POLLING:STANDARD SELECT ← → & SET
7. Press **SET**.	2.POLLING
8. Press **STOP**.	ENTER FAX NO. ON LINE PRESS START KEY ON LINE

9. Enter the fax number. Example: One-touch dialing.	NJ OFFICE ON LINE
10. Press **START**.	DIALING ON LINE
	RECEIVING P.01 ON LINE

Setting up Polled Waiting (Being Called)

Polled Waiting is when you place a document in your machine (MFC) and set your machine to allow another fax machine to retrieve that document. Your machine (MFC) will print a Polled Report after the transmission.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Insert the documents into the feeder.	FAX: NO. & START ON LINE
	COPY: PRESS COPY ON LINE
2. Press **FUNCTION**.	ENTER NO. & SET
3. Wait for two seconds.	1.FAX 2.PRINTER
4. Press **1**.	1.FAX
5. Press **1**.	1.TEMP.SETTINGS
6. Press **2**.	2.POLLING
7. Wait for two seconds.	POLLING:STANDARD
	SELECT ← → & SET
8. Press **SET**.	2.POLLING
9. Press **STOP**.	PRESS START KEY ON LINE
10. Press **START** and wait for the polling call to come in.	POLLED WAITING ON LINE

Secure Polling

Secure Polling is a way to keep your documents and others' from falling into unauthorized hands while the machines are set up for polling. You can use Secure Polling only with another Brother fax machine. Your four-digit ID number must be entered on the fax machine that polls for your documents.

Polling Another Brother Fax Machine with Secure Code (Calling)

You can poll another Brother fax machine that has Secure Polling by following the steps below:
You need to make sure you are using the same ID number as the other party.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
Make sure no documents are in the feeder.	09/12/1995 15:25 ON LINE
1. Press **FUNCTION.**	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **1**.	1.TEMP.SETTINGS
5. Press **2**.	2.POLLING
6. Wait for two seconds.	POLLING:STANDARD SELECT ← → & SET
7. Press ◄ (left arrow) or ► (right arrow) to find the POLLING SECURE setting.	POLLING:SECURE
8. Press **SET**.	POLLING ID:XXXX
9. Enter a four-digit number. This is the security code of the fax machine you are polling. Example: **1234**.	POLLING ID:1234
10. Wait for two seconds.	2.POLLING

11. Press **STOP**.	ENTER FAX NO. ON LINE PRESS START KEY ON LINE
12. Enter the fax number. Example: One-Touch dialing.	NJ OFFICE ON LINE
13. Press **START**.	DIALING ON LINE
	RECEIVING P.01 ON LINE

Setting up Polled Waiting with Secure Polling (Being Called)

Secure Polling allows you to create a Polling ID number to protect your documents during polled waiting mode. Anyone who polls your machine must enter this polling ID number.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Insert the documents into the feeder.	FAX: NO. & START ON LINE COPY: PRESS COPY ON LINE
2. Press **FUNCTION**.	ENTER NO. & SET
3. Wait for two seconds.	1.FAX 2.PRINTER
4. Press **1**.	1.FAX
5. Press **1**.	1.TEMP.SETTINGS
6. Press **2**.	2.POLLING
7. Wait for two seconds.	POLLING:STANDARD SELECT ← → & SET

8. Press ◄ (left arrow) or ► (right arrow) to find the POLLING SECURE setting.	POLLING:SECURE
9. Press **SET**.	POLLING ID:XXXX
10. Enter a four-digit number. Example: **1234**.	POLLING ID:1234
11. Wait for two seconds.	2.POLLING
12. Press **STOP**.	PRESS START KEY ON LINE
13. Press **START** and wait for the polling call to come in.	POLLED WAITING ON LINE

Delayed Polling

You can set the time at which you want polling to take place.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
Make sure no documents are in the feeder.	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **1**.	1.TEMP.SETTINGS
5. Press **2**.	2.POLLING
6. Wait for two seconds.	POLLING:STANDARD SELECT ← → & SET
7. Press ◄ (left arrow) or ► (right arrow) to select STANDARD or SECURE. Example: STANDARD.	POLLING:STANDARD
8. Press **SET**.	2.POLLING

9. Press **1**.	1.TIMER SET TIME=00:00
10. Enter the time. Example: **19:45** (7:45P.M.).	SET TIME=19:45
11. Wait for two seconds.	1.TIMER
12. Press **STOP**.	ENTER FAX NO. ON LINE PRESS START KEY ON LINE
13. Enter the fax number. Example: One-touch dialing.	NJ OFFICE ON LINE
14. Press **START**. The machine (MFC) waits until the specified time to call.	09/12/1995 15:25 ON LINE

Setting up Polled Waiting with Super Quick-Scan

Before pressing **START**, press **SUPER Q.SCAN** so that you can store your polled waiting document in the memory.

Helpful Hints If you use **SUPER Q.SCAN** to place the Polled Waiting documents into the memory, they will not be erased automatically after they are polled. To erase them you must use the Cancel Job function. (See page 5-15.)

Sequential Polling

This function is the reverse of Broadcasting, in which your machine sends a document to several destinations. In a sequential polling operation, your machine will request documents from several fax units in a single operation.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Make sure there are no documents in the feeder.	
2. Press **FUNCTION**.	ENTER NO. & SET

3. Wait for two seconds.

```
1.FAX
2.PRINTER
```

4. Press **1**.

```
1.FAX
```

5. Press **1**.

```
1.TEMP.SETTINGS
```

6. Press **2**.

```
2.POLLING
```

```
POLLING:STANDARD
```

```
SELECT ← → & SET
```

7. Press ◄ (left arrow) or ► (right arrow) to select STANDARD or SECURE.
   Example: STANDARD

```
POLLING:STANDARD
```

8. Press **SET**.

```
2.POLLING
```

9. Press **STOP**.

```
ENTER FAX NO.
ON LINE
```

```
PRESS START KEY
ON LINE
```

10. Specify the destination of fax machines, which you wish to poll by using One-Touch, Speed-Dial, or Group keys.
    Example: Group key.

```
ALL BROTHER
ON LINE
```

11. Press **START**. Your machine polls each number or group member in turn for a document.

```
DIALING
ON LINE
```

NOTICE

After all the polling operations are finished, a Sequential Polling Report will be printed automatically.

8. SECURITY MENU

A) PASS WORD

FOR YOUR INFORMATION

What Is Password?

The password is provided for use in a closed network of fax machines. It will prevent reception of "junk faxes" that can interfere with your daily operations. It can also help you avoid the transmission of faxes to the unauthorized parties.

How Does the Password Work?

First the receiving party sets up "SET PASSWORD" to "ON" and then enters a four-digit password.
When you send a fax message, you must enter the same four-digit password. If the four-digit password is the same for both the sending and receiving machines, you will be able to send and receive messages. Also, both machines should be a Brother (or compatible brand).

When to Use Password Plus?

If you have activated the password function, only people who have set the correct password code on their Brother fax machine can exchange faxes with your machine. To help avoid difficulties, you can use the Password Plus feature. It prevents reception of "junk faxes". If you choose "Password Plus" in "SET PASSWORD", your machine will receive not only faxes sent by parties using your password but also faxes sent without your password, only if the sending machine's number is registered as one of your One-Touch numbers. (Your machine compares the last four-digits of the sending fax machine's number to numbers listed in your One-Touch keys.) If this is case, the sending machine need not be Brother fax machine.)

Sending Faxes with a Password

Before setting up, you should know the password code of the other party you are sending to.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Insert the document face down into the feeder.	FAX: NO. & START ON LINE COPY: PRESS COPY ON LINE
2. Press **FUNCTION**.	ENTER NO. & SET
3. Wait for two seconds.	1.FAX 2.PRINTER
4. Press **1**.	1.FAX
5. Press **8**.	8.SECURITY MENU
6. Press **2**.	2.PASSWORD TX
	PASSWORD:XXXX
7. Enter a four-digit code Example : **1234**	PASSWORD:1234
8. Press **SET** or wait for two seconds.	2.PASSWORD TX
9. Press **STOP**.	ENTER FAX NO. ON LINE PRESS START KEY ON LINE
10. Enter the fax number.	NJ OFFICE ON LINE
11. Press **START**.	DIALING ON LINE

Receive Password

You can set receive password status either "ON", "PLUS", or "OFF".

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **8**.	8.SECURITY MENU
5. Press **1**.	1.SET PASSWORD RX PASSWORD:OFF SELECT ← → & SET
6. Press ◄ (left arrow) or ► (right arrow) to choose either PLUS, ON, or OFF. Example: PLUS	RX PASSWORD:PLUS
7. Press **SET**.	RX PASSWORD:XXXX
8. Enter a four-digit code. Example: **1234**	RX PASSWORD:1234
9. Press **SET** or wait for two seconds.	1.SET PASSWORD
10. Press **STOP** to exit.	

B) RELAY BROADCASTING

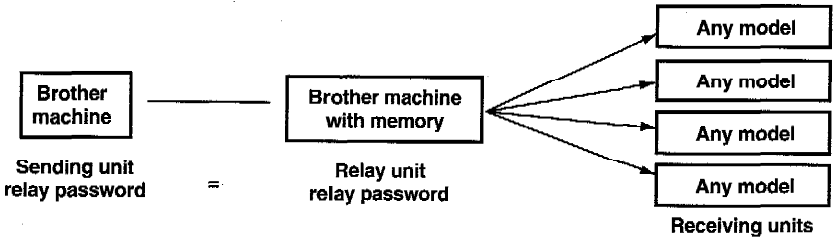
FOR YOUR INFORMATION

What Is Relay Broadcasting?

Relay Broadcasting is a broadcast fax transmission via another fax machine designated as the relay unit. You may request relay broadcasting to another Brother fax machine with memory or you may use your machine as the relay unit to send broadcast transmissions to several destinations.

How Does It Work?

The sending machine (MFC) sends the documents to the relay machine. The same destination group number and relay password of the relay unit must be entered. Then, the relay unit sends broadcast transmissions of the received messages to the requested destinations.


Brother machine
Sending unit relay password
=
Brother machine with memory
Relay unit relay password
Any model
Any model
Any model
Any model
Receiving units

When To Use Relay Broadcasting

Relay broadcast helps you to reduce costs when sending faxes to several distant destinations. This is particularly useful for broadcasting overseas.

Helpful Hints Relay Broadcast can be used only when both machines are a Brother machine and have the relay broadcast feature.

The same group number and relay password must be entered by the sending machine (MFC) and the relay machine (MFC).

The memory in the relay machine (MFC) must not become full during the transmission operation or relay broadcast.

Setting Relay Broadcast Password (Only for MFC 5500ML)

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **8**.	8.SECURITY MENU
5. Press **3**.	3.RELAY PASSWORD
	PASSWORD:XXXX
6. Enter a four-digit code. Example: **5678**	PASSWORD:5678
7. Press **SET** or wait for two seconds.	3.RELAY PASSWORD
8. Press **STOP** to exit.	

Sending a Relay Broadcast Request (Only for MFC 5500ML)

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Insert the documents into the feeder.	FAX NO. & START ON LINE COPY: PRESS COPY ON LINE
2. Press **FUNCTION**.	ENTER NO. & SET
3. Wait for two seconds.	1.FAX 2.PRINTER
4. Press **1**.	1.FAX
5. Press **8**.	8.SECURITY MENU

6. Press **4**.	4.RELAY BRDCST PASSWORD:XXXX
7. Enter a four-digit code. Example: **3456**	PASSWORD:3456
8. Press **SET** or waits for two seconds.	GROUP NO.:XX
9. Enter a two-digit group number. Example: **02**	GROUP NO.:02
10. Press **SET** or waits for two seconds.	4.RELAY BRDCST
11. Press **STOP**.	ENTER FAX NO. ON LINE PRESS START KEY ON LINE
12. Enter the fax number.	*01 ON LINE
13. Press **START**.	NJ OFFICE ON LINE

Helpful Hints You should enter the same relay password and group number that is registered in the relay unit.

Using Your Machine as the Relay Unit (Only for MFC 5500ML)

Your machine can be used as a relay unit for sending broadcast transmissions to several destinations. As this is an automatic operation, your machine must be set to the Auto Ans., F/T or TAD mode (not the Manual receive mode). Your machine receives the message in the memory then dials and sends the fax to the destinations included in the group specified.

When your machine is used as the relay unit during relay broadcasting, a Relay Broadcast Report will appear at your machine after all transmission attempts have been completed.

C) CONFIDENTIAL MAILBOXES (Only for MFC 5500ML)

You can allocate three confidential mailboxes to individuals or groups of individuals, so that each individual or group can receive private messages. These confidential messages are not printed when they are received but are stored in the memory. Only people who know the mailbox passcode (retrieval ID) number can print these transmissions. A single mailbox can store several transmissions. All messages will remain in the mailbox until you print them or until the machine is turned off. Both fax units must be Brother machines that have this feature.

Registering a Confidential Mailbox

A mailbox must have a mailbox number (confidential ID), a mailbox passcode (retrieval ID) and a name assigned to it. When you transmit to a mailbox, you must send the mailbox number (confidential ID). When you retrieve a document from your mailbox, you must enter the mailbox passcode (retrieval ID). The name is used for the Confidential Message Information that informs you a confidential message is waiting for you.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO.& SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **8**.	8.SECURITY MENU
5. Press **5**.	5.SETUP C.MAILBX
	MAILBOX NO.:XXXX
6. Enter a four-digit code. Example: **0001** (Confidential ID)	MAILBOX NO.:0001
7. Press **SET** or wait for two seconds.	PASSCODE:XXXX
8. Enter a four-digit code. Example: **2345** (Retrieval ID)	PASSCODE:2345

9. Press **SET** or wait for two seconds.	NAME: ENTER & SET
10. Enter the name by using the number keys(up to 20 characters). Example:**M.SMITH**	NAME:M.SMITH_
11. Press **SET**.	5.SETUP C.MAILBX
12. Press **STOP** to exit.	

Helpful Hints If the memory is full, confidential messages cannot be received into the mailbox.

You must enter a different code for each of the three mail boxes. If a code number has already been used for another mail box number or passcode, the machine will reject the code number.

When you are setting up the confidential mailbox, you should write the name and ID down, and keep the information stored secretly.

Printing the Mailbox Status for Confidential Message Information

You can check if your machine has received a confidential message by printing Confidential Message Information. It lets you know that your mailbox has received messages.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **3**.	3.PRINT REPORTS
5. Press **9**.	9.PRT MBOX REPRT
	PRESS START KEY

3. Press **START**	PRINTING

Helpful Hints You may also check the Memory Status List to find out if a Confidential Message has been received.

```
                    CONFIDENTIAL MESSAGE INFORMATION

                                            TIME : 09/12/1995 18:34
                                            NAME : BROTHER
                                            FAX  : 4155554444
                                            TEL  : 4155554445

* PLEASE PASS THIS MESSAGE TO FOLLOWING PERSON
    TO: KENT SMITH
            YOU RECEIVED CONFIDENTIAL MESSAGE(S).
            PLEASE PRINT IT FROM MEMORY. THANK YOU.
```

Printing a Confidential Message

You can print a confidential message received into your mailbox by entering your mailbox passcode (Retrieval ID).

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1. FAX 2. PRINTER
3. Press **1**.	1. FAX
4. Press **8**.	8. SECURITY MENU
5. Press **6**.	6. PRINT C.MAILBX
	PASSCODE:XXXX
6. Enter a four-digit code. Example: **2345** (your retrieval ID)	PASSCODE:2345
7. Press **SET** or wait for two seconds.	PRINTING

Helpful Hints If there is no message in your mailbox, NO C.MAILBOX MSG will appear on the display.

If you enter an incorrect passcode (retrieval ID), the confidential message will not be printed. Also, if an incorrect passcode is entered three times, the machine will return to the 6.PRINT C.MAILBX display.

All messages will remain in the mailbox until they are printed or until the machine is turned off.

Sending a Fax to the Confidential Mailbox

You can send a fax message to the mailbox confidential by entering the mailbox number (Confidential ID) stored in the remote machine.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Insert the documents into the feeder.	FAX: NO.& START ON LINE
	COPY: PRESS COPY ON LINE
2. Press **FUNCTION.**	ENTER NO. & SET
3. Wait for two seconds.	1.FAX 2.PRINTER
4. Press **1.**	1.FAX
5. Press **8.**	8.SECURITY MENU
6. Press **7.**	7.SEND C.MAILBOX
	MAILBOX NO.:XXXX
7. Enter a four-digit code. Example: **0001** (Confidential ID)	MAILBOX NO.:0001
8. Press **SET** or wait for two seconds.	7.SEND C.MAILBOX

9. Press **STOP** to exit.	ENTER FAX NO. ON LINE PRESS START KEY ON LINE
10. Enter the fax number.	*01 ON LINE
11. Press **START**.	NJ OFFICE ON LINE

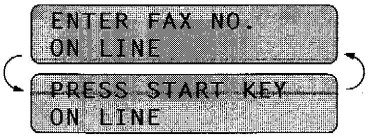
Helpful Hints If the mailbox number (Confidential ID you enter) does not match the mailbox number of the remote machine, you cannot send a confidential message and it results in error message.

Retrieving a Confidential Message

You can retrieve the messages received into your confidential mailbox with a Brother fax machine, that also has a confidential mailbox function.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	[1].FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **8**.	8.SECURITY MENU
5. Press **8**.	8.MAIL RETRIEVAL
	PASSCODE:XXXX
6. Enter a four-digit code. Example: **2345** (your Retrieval ID)	PASSCODE:2345
7. Press **SET** or wait for two seconds.	8.MAIL RETRIEVAL

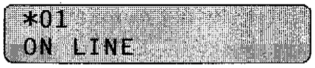
8. Press **STOP**.



```
ENTER FAX NO.
ON LINE
```

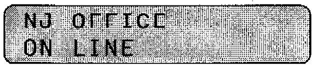
```
PRESS START KEY
ON LINE
```

9. Enter the fax number.



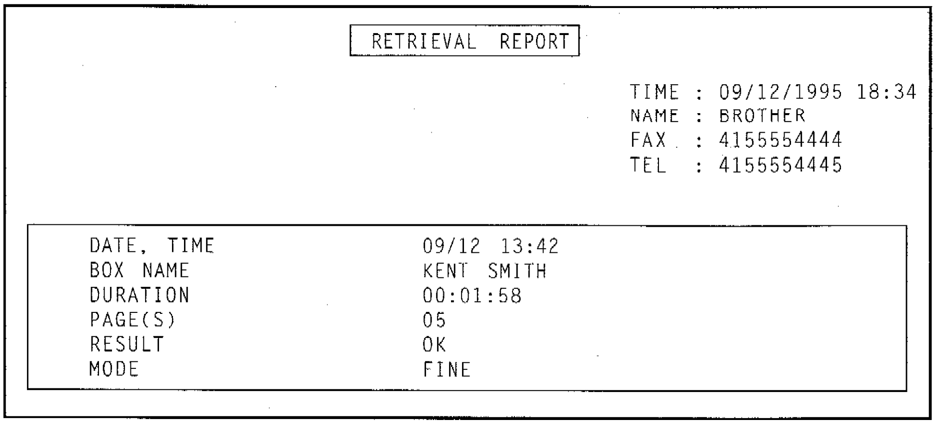
```
*01
ON LINE
```

10. Press **START**.



```
NJ OFFICE
ON LINE
```

A retrieval report will automatically be printed on the machine from which you retrieved your message.



```
                         RETRIEVAL  REPORT

                                          TIME : 09/12/1995 18:34
                                          NAME : BROTHER
                                          FAX  : 4155554444
                                          TEL  : 4155554445

    DATE, TIME              09/12  13:42
    BOX  NAME               KENT  SMITH
    DURATION                00:01:58
    PAGE(S)                 05
    RESULT                  OK
    MODE                    FINE
```

9. REMOTE FAX OPTIONS (Only for MFC 4000ML/4500ML/5500ML)

Since the machine can store incoming data in memory as well as print it, you may use the convenient FAX Forwarding, Paging and Remote Retrieval functions. If documents have been received in memory.

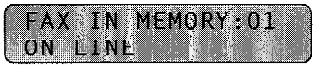
Setting the Fax Storage

Set this function to "ON" if you want the incoming data to be stored in the memory as well as printed. If the data can be stored in the memory, you can use the Fax Forwarding, Paging, and Remote Retrieval functions. It is a good idea to turn the Fax Storage function "ON" when you go out. The initial setting is OFF.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **9**.	9.REMOTE FAX OPT
5. Press **1**.	1.FAX STORAGE
	FAX STORAGE:OFF
	SELECT ← → & SET
6. Press ◄ (left arrow) or ► (right arrow) to select ON or OFF. Example: ON	FAX STORAGE:ON
7. Press **SET**.	1.FAX STORAGE
8. Press **STOP** to exit.	

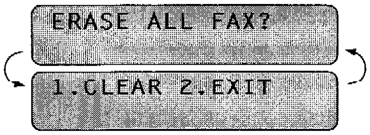
FOR YOUR INFORMATION

- When you have FAX STORAGE:ON, your incoming faxes will be stored in the memory and the LCD will show the number of incoming calls:



FAX IN MEMORY:01
ON LINE

- When you want to change the Fax Storage setting from ON to OFF and there is fax data still in the memory, you will get the following message after you select OFF:



ERASE ALL FAX?
1.CLEAR 2.EXIT

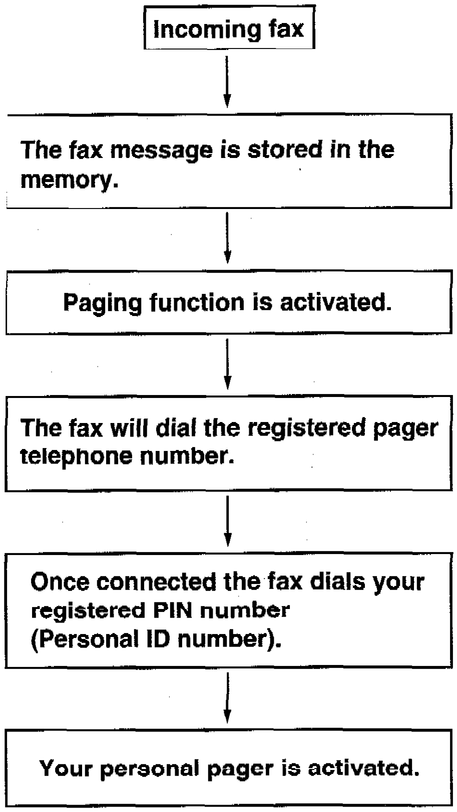
If you select 1 you will erase all the fax data in the memory and the function will be set to OFF. If you press 2, the data will not be erased, and the setting will remain ON.

Whenever your fax prints a document for "back-up printing", it will be printed in standard resolution regardless of the mode it was received in.

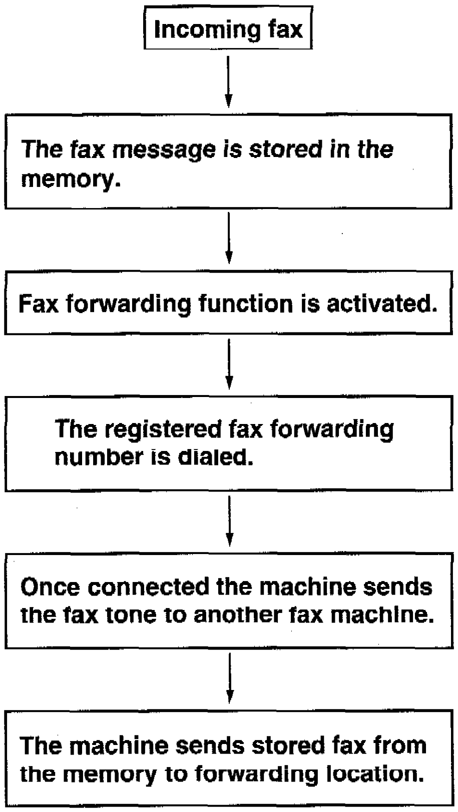
Paging/Fax Forwarding (Only for MFC 4000ML/4500ML/5500ML)

When you set the Fax Storage function in Function menu 9-1 to ON (see page 9-1), you have an additional option of paging or fax forwarding, when your machine receives a fax message into memory.

How paging works (Paging ON)


Incoming fax
The fax message is stored in the memory.
Paging function is activated.
The fax will dial the registered pager telephone number.
Once connected the fax dials your registered PIN number (Personal ID number).
Your personal pager is activated.

How fax forwarding works
(Fax Forwarding ON)


Incoming fax
The fax message is stored in the memory.
Fax forwarding function is activated.
The registered fax forwarding number is dialed.
Once connected the machine sends the fax tone to another fax machine.
The machine sends stored fax from the memory to forwarding location.

NOTICE

1. You can activate either paging or fax forwarding ; they are very similar features and can not be used simultaneously.
2. If paging is ON, you will be paged every time a fax message is received into the memory.

Setting Up Paging and Registering the Paging Number (Only for MFC 4000ML/4500ML/5500ML)

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **9**.	9.REMOTE FAX OPT
5. Press **2**.	2.FAX FWD/PAGING OFF SELECT ← → & SET
6. Press ◄ (left arrow) and ► (right arrow) to select PAGING.	PAGING
7. Press **SET**.	PAG#: ENTER & SET
8. Enter a paging number up to 20 digits (this is the telephone number of your pager), followed by two ## signs. Do not include the area code if it is the same for your fax machine and pager. Example: **18002844329##**.	#:18002844329##_
9. Press **SET**.	PIN#: ENTER & SET

10. Enter a PIN (Personal Identification Number), **#**, press **REDIAL/PAUSE** ("-"), your fax telephone number, and **##**.
    Example: **12345#-19085551234##.**

    `5#-19085551234##`

    - If you do <u>not</u> use a PIN, you <u>must</u> enter the telephone number of your fax machine. Press **REDIAL/PAUSE** ("-") before entering your fax number and add **##** at the end.
    Example: **-19085551234##.**

11. Press **SET**.

    `2.FAX FWD/PAGING`

12. Press **STOP** to exit.

- Paging number and PIN number cannot be changed remotely.

FOR YOUR INFORMATION

The PIN (Personal Identification Number) you enter depends upon the type of paging company you use. There are generally two types of paging companies...

1) Satellite Pagers: In this case we recommend you enter your actual satellite PIN# plus your return MFC telephone/fax number (or special alpha message).

For Example: $\overbrace{12345\#}^{\text{PIN\#}}\overbrace{19085551234\#\#}^{\text{Return\#}}$ or $\overbrace{12345\#}^{\text{PIN\#}}\overbrace{\underbrace{329329329}_{\text{FAXFAXFAX}}\#\#}^{\text{Alpha Message}}$

2) Radio Pagers: Most* radio pagers do not require a PIN #, and in this case you should use the PIN # in the MFC only for the return number or special alpha message.

For Example: $\overbrace{19085551234\#\#}^{\text{Return\#}}$ or $\overbrace{\underbrace{329329329}_{\text{FAXFAXFAX}}\#\#}^{\text{Alpha Message}}$

* If your radio pager utilizes a PIN # then use satellite sequence above.

The "##" symbols at the end of the special message (or return #) are used to signify the end the PIN #/Message.

Setting Up Fax Forwarding and Registering the Fax Forwarding Number (Only for MFC 4000ML/4500ML/5500ML)

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **9**.	9.REMOTE FAX OPT
5. Press **2**.	2.FAX FWD/PAGING
	OFF SELECT ← → & SET
6. Press ◄ (left arrow) and ► (right arrow) to select FAX FORWARD.	FAX FORWARD
7. Press **SET**.	FWD#: ENTER & SET
8. Enter a fax forwarding number up to 20 digits. Example: **18005551234**.	WD#:18005551234_
9. Press **SET**.	2.FAX FWD/PAGING
10. Press **STOP** to exit.	

What Is Remote Control Access?

When you leave your home or office, you will turn on your FAX STORAGE to receive fax messages. (See page 9-1.) But if you would like to activate or deactivate this FAX STORAGE feature, you can control and program your fax by remote control. You can call your machine from any touch tone phone, enter your remote access code, followed by programming commands.

Setting the Remote Access Code

The initial setting for the remote access code on your new fax is "159*". You may change this code if it conflicts with other equipment codes or if you just wish to.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION.**	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **9.**	9.REMOTE FAX OPT
5. Press **3**.	3.REMOTE ACCESS
6. Enter a three digit number **000** to **999**. The last digit, an asterisk, can not be changed. Example: **160*.** The three digit number must not be the same as the remote activation and deactivation codes. (See page 6-13~14.) Example: When the remote access code is 160*, don't use 160 or 60* for the activation and deactivation code.	ACCESS CODE:159* ACCESS CODE:160*
7. Wait for two seconds.	3.REMOTE ACCESS
8. Press **STOP** to exit.	

Helpful Hints Change the remote control code frequently and use it as a "secret password" to limit access to your REMOTE FAX OPTIONS.

When you use the Remote Access Code, you must press all four keys (three-digit number plus *).

How to Use Remote Access and Control Codes (Only for MFC 4000ML/4500ML/5500ML)

1. Call from a touch tone phone.
2. Enter your fax machine's number.
3. Enter your Remote Access Code immediately after your machine answers with a beep. (See page 9-7.)
4. If you hear a long beep, it means your machine has received fax message(s).

   If you do not hear a long beep, it means your machine did not receive any message(s).
5. Next you will hear a series of two short beeps, during which you can enter a Remote Control Command. (See page 9-9.)
6. Enter your Remote Control Command.
7. After finishing one command, you can enter the next command during the next series of two short beeps.
8. Press **90** to exit remote control.

   If you perform an incorrect operation, you will hear three short beeps.
   If you wait more than 30 seconds during the series of two short beeps, your machine will disconnect the line.

Remote Fax Retrieval (Only for MFC 4000ML/4500ML/5500ML)

If you have set your FAX STORAGE: ON to store incoming fax messages, you have the ability to retrieve these fax messages from any remote group 3 facsimile machine. Remote fax retrieval is accomplished via remote control access commands, which are described in the remainder of this chapter.

FOR YOUR INFORMATION

When to Enter the Remote Access Code

Just after the line is connected, you should enter the remote access code from any touch tone phone. Make sure that you enter the remote access code while you do NOT hear any chirping sound of a machine (MFC). If the machine is set to MANUAL mode, it will answer the call after 20 rings (about 100 seconds). You will have 30 seconds to press the remote access code or the line will be disconnected.

Remote Control Commands (Only for MFC 4000ML/4500ML/5500ML)

You can control your MFC with the following remote control commands.

Remote control command		Detail Operation
95 Changing Fax Forwarding/Paging setting		
	1 OFF	If you hear one long beep, the change is accepted. If you hear three short beeps, you can not change it because the conditions (ex. registering fax forwarding or paging number) have not been completed. You can register your fax forwarding number by using 4. FAX FWD No. (see page 9-10). Once you have registered the number, the machine will automatically turn to "FAX FWD:ON" mode. Then, receive a Memory Status List by entering 961 (see page 9-10). Check the List to make sure the Fax Forwarding number you registered is correct. Then enter the confirmation command 955. Now the machine will start Fax Forwarding.
	2 Fax Forwarding	
	3 Paging	
	4 FAX FWD No.	
	5 FWD No. Confirm	
	6 Fax Storage ON	You can set FAX STORAGE ON or OFF.
	7 Fax Storage OFF	
96 Retrieve FAX		
	1 Memory Status List	You can use a remote fax machine to receive a List or stored fax message(s). (See page 9-10.)
	2 Retrieve all FAXES	
	3 Erase FAX in the memory	If you hear one long beep, you can erase fax message(s) in the memory.
97 Check the receiving status		You can check whether your MFC has received any fax message(s). If yes, you will hear one long beep. If no, you will hear three short beeps.
	1 FAX	
98 Change Answer Mode		If you hear one long beep, you can change the Answer Mode. If you hear three short beeps, you can not change it.
	1 TAD	
	2 F/T	
	3 AUTO	
90 Exit		After a long beep, you can exit remote control.

How to Receive the Memory Status List and Retrieve a Fax Message at a Remote Fax Location (Only for MFC 4000ML/4500ML/5500ML)

You can check the Memory Status List first to see if you have any stored fax messages to retrieve. Then you can retrieve them from your machine (MFC) remotely.

1. Pick up the handset of a remote fax machine.
2. Dial your machine's number.
3. Enter your four-digit Remote Access Code (159✳) when your machine answers.
4. Press **961** during the series of two short beeps.
5. Press **START** after you hear the fax tone and hold the handset.
   - If you wish to receive only the MEMORY STATUS LIST, replace the handset after pressing **START**.
6. Now you will receive a "MEMORY STATUS LIST". (See page 11-7.)
7. After the MEMORY STATUS LIST has been printed, you will hear another series of two short beeps.
8. Look at the MEMORY STATUS LIST. If you have any stored fax messages and wish to retrieve them, press **962** when a series of two short beeps starts sounding again.
9. Press **START** after you hear the fax tone.
10. Replace the handset. Now your fax messages will be printed.

How to Change and Confirm the Fax Forwarding Number via a Remote Fax Machine (Only for MFC 4000ML/4500ML/5500ML)

1. Pick up the handset of a remote fax machine.
2. Dial your machine's number.
3. Enter your four-digit Remote Access Code (159✳) when your machine answers.
4. Press **954** during the series of two short beeps.
5. Enter new Fax Forwarding number by using the number keys (up to 20 digits).
   - You cannot register ✳ and # as dial numbers. Use ✳ to make a pause between the dial numbers.
6. Press # after entering the new Fax Forwarding number.
7. Press **961** during the next series of two short beeps.
8. Press **START** after you hear the fax tone and hold the handset.
9. Now you can receive the "MEMORY STATUS LIST" (see page 11-7).

   Look at the LIST, and make sure the new Fax Forwarding number you registered in Step 5 is correct.

10. If the new number is correct, press **955** to confirm the number when another series of two short beeps starts sounding.
    - If it is incorrect, press **954** during the series of two short beeps and reenter the number correctly (back to Step 4).
11. Replace the handset. Now your machine is ready to activate Fax Forwarding.

Printing a Fax Message (Only for MFC 4000ML/4500ML/5500ML)

You can print a fax message that is stored in the memory.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	FAX IN MEMORY:01 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **9**.	9.REMOTE FAX OPT
5. Press **4**.	4.PRINT FAX
6. Press **SET**.	PRESS START KEY
7. Press **START**.	PRINTING
	4.PRINT FAX
8. Press **STOP** to exit.	

10. USING THE UNIT AS THE PRINTER

Paper Specifications

The machine (MFC) can handle paper that has the following specifications as printer. But please note that you can receive fax messages by only Letter, Legal and A4 cut sheet. And if you use Legal or A4 sheet, you have to change the receiving paper size setting which is in FUNCTION 1-5-6. (See page 2-5.)

Paper Type	Paper Size	Paper Weight	Sheet Feeder	Manual
Cut sheet	Letter, Legal, A4, B5, A5, Executive, Custom size 70-216 x 127-356 mm, 2.75-8.5 x 5-14 inches	64-135 g/m^2 (17-36 lbs)	●	●
Envelopes	DL, C5, COM-10, Monarch		●	●
Organizer	Day-Timer®, J,K,L,M 70-216 x 127-356 mm 2.75-8.5 x 5-11 inches		●	●
Labels	70-216 x 127-356 mm, 2.75-8.5 x 5-14 inches			●
Trans-parencies				●

Paper Capacity in Feeder

Multi-purpose

Sheet Feeder : Up to 22 mm (0.87 inch) in Height (below the mark.)
Approx. 200 sheets of 75 g/m^2 (20 lbs) A4/Letter paper or several envelopes

Output Tray : Approx. 50 sheets of 75 g/m^2 (20 lbs) A4/Letter paper

Helpful Hints

It is recommended that you test paper, especially special sizes and types of paper, on this printer before purchasing large quantities.

Avoid feeding labels with carrier sheets exposed, or your printer will be damaged.

Use a recommended type of paper, especially plain paper and transparencies, for optimum printing. For more information on paper specifications, consult your nearest authorised sales representative or the place of purchase of your machine (MFC).

We recommend you use label or transparancies which are designed for laser printers.

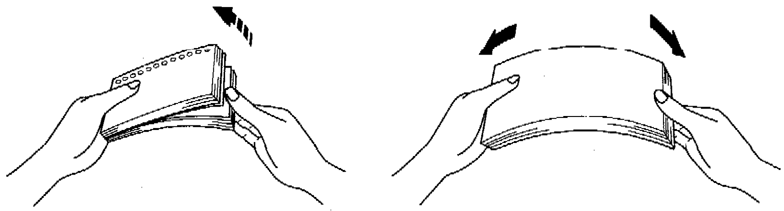
We recommend you use long-grained paper for the best print output quality.

If the paper will not load from the multi-purpose sheet feeder, use the manual feed slot and try again.

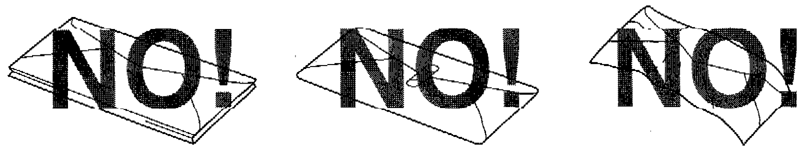
FOR YOUR INFORMATION

Before using paper with holes such as organizer sheets, you must fan the stack well to avoid the paper jams and misfeeds.

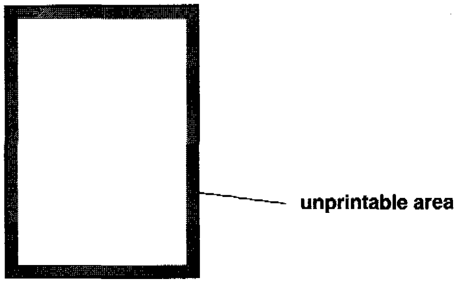
Before using any paper, make sure that it has no curl. If so, you should straighten the paper as much as possible. Using curled paper will cause paper jams and misfeeds.



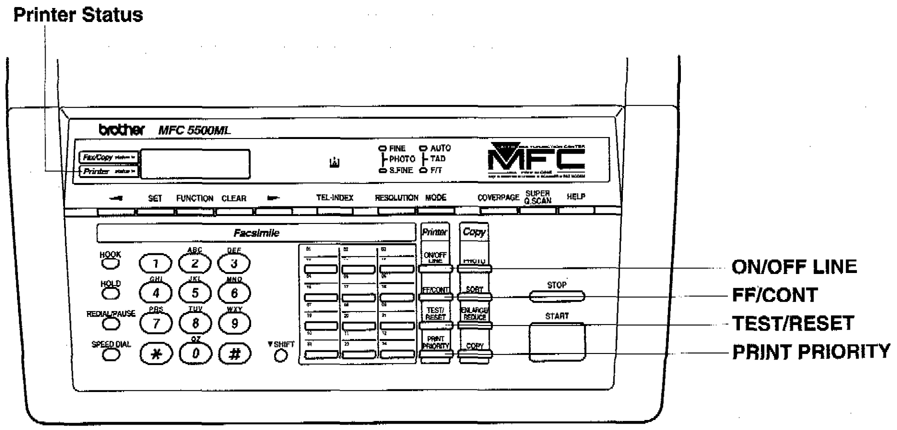
The following types of envelopes are not recommended for use.
- Damaged, curled, wrinkled, or irregularly shaped envelopes
- Extremely shiny or highly textured envelopes
- Envelopes with clasps
- Envelopes of baggy construction
- Envelopes not sharply creased
- Embossed envelopes
- Envelopes already printed with a laser printer
- Envelopes pre-printed on the inside
- Envelopes that cannot be arranged uniformly when placed in a pile



The printable area of your machine is at approximately 4mm (0.16 inch) from the edge of the paper.



Control Panel Keys



Simultaneous Operation

Your machine can print PC data while sending fax messages, receiving incoming fa messages into memory and scanning the data, simultaneously. When your machin is copying or receving fax on paper, your machine waits for printing PC data unti those operations are finished. If you wish to keep your machine printing PC data, us **PRINT PRIORITY** key. (See page 10-4)

ON/OFF LINE Key

This key is used to turn the printer on-line (ready to receive PC data) and off-line (no ready to receive PC data). If you press this key during printing, the machin immediately stops printing even if the machine has already started to print. It eject the page, and then enters the off-line status. Press the **ON/OFF LINE** again and th printer will print the complete page again.
When the printer is in the on-line status and the LCD shows "ON LINE", you can no use **FF/CONT** and **TEST/RESET** keys.

FF/CONT Key

The upper switch on the control panel can work as the Form Feed (**FF**), Continu (CONT) key.

<FORM FEED>
When the LCD shows "**REMAINED DATA**", press **ON/OFF LINE** to turn th printer off-line, then press **FF/CONT**. The printer prints any data remaining in th printer memory.

<MANUAL FEED>
When you use the manual feed mode, the **FF/CONT** key is used as the Form Feed (FF switch. Insert a paper all the way into the manual feed slot and press **FF/CONT**. Afte pressing the **FF/CONT** key the printer loads the paper and begins printing Remember that you need to press this key to load every paper manually. (See pag 10-8.)

<CLEARING ERRORS>
If an error occurs, the machine will usually recover the recoverable errors such as a memory full condition automatically. If the error does not clear automatically, press **FF/CONT** to clear the error and continue the operation.

<REPRINTING>
You can use the **FF/CONT** key as a reprint switch, you can reprint the last printed page without sending it again from your computer. After you have finished printing, press **ON/OFF LINE** to turn the printer off-line, then press **FF/CONT**, so that the printer starts reprinting the last printed page. If you press the **FF/CONT** key one or more times during reprintion, the printer reprints the page as many times as you pressed the switch.

Helpful Hints The reprint data remains in the printer's memory until the printer is reset, the emulation is changed, or some other settings are changed. After you have printed confidential data, be sure to reset the printer to clear it from the printer's memory.

You can enable or disable this reprint function with the supplied Remote Printer Console program. See the software setup guide for more information about RPC.

After you print the Help List, you cannot reprint the last printed page. The data remaining in the memory will be cleared after you have printed the Help List.

TEST/RESET Key

<TEST PRINT>
This key is used to print a test sample page. If the data remains in the printer memory, press **ON/OFF LINE** to turn the printer off-line and press **TEST/RESET**, the printer prints the remaining data first and then prints a test samle page. About the printing of the printer status lists, see page 10-12. If the printer is on-line, the printer cannot print a test sample page.

<RESET>
When **RESET** is pressed together with **SHIFT**, it clears the data in the memory. And the printer is then also reset and restored to the user default settings. The **RESET** switch may be able to cancel an error status and clear the Hex Dump mode. (See page 10-14.)
Remember that the **RESET** switch clears data from the printer memory.

PRINT PRIORITY Key

This key interrupts fax receiving on paper and allows you to print PC data first. When it is pressed first standby, it puts the machine (MFC) in a printer exclusive mode. All fax data will be stored in the memory in stead of printing on paper. When this key is pressed again, when no data is sent or the machine has completed printing, it will exit from the print priority status automatically.

FOR YOUR INFORMATION

Windows™ Printing

The dedicated printer driver and True Type™-compatible fonts for Microsoft® Windows 3.1 are available on the floppy disk supplied with your printer. You can easily install them into your Windows™ system using our installer program. The driver supports our unique compression mode to enhance printing speed in Windows applications, and allows you to set various printer settings including economy printing mode and custom paper size.

Remote Printer Console Program for DOS

The utility program, Remote Printer Console (RPC), is available on a floppy disk supplied with your printer. When you operate your computer in the DOS (Disk Operating System) environment, this program allows you to easily change the default settings of the printer such as fonts, page setup, emulations and so on.
This program also provides a status monitor program, which is a Terminate-and-Stay Resident (TSR) program. It can monitor the printer status while running in the background and report the current status or errors on your computer screen.

Popular Printer Emulation Support

This printer supports three printer emulation modes, HP LaserJet IIP, Epson FX-850, and IBM Proprinter XL. When you use DOS application software or Windows version 3.0 or earlier, you can use any of these emulations to operate the printer. The printer also supports Auto-emulation switching between HP and Epson or HP and IBM. If you want to set the printer emulation, you can do it using the Remote Printer Console Program.

Bi-Directional Parallel Interface

The parallel interface of this printer allows bi-directional communication with a computer. This interface allows the printer to communicate back to the computer useful information such as the amount of memory installed, and other printer setup conditions. As the supplied Remote Printer Console or Windows 3.1 driver both support the bi-directional mode, they can both report the printer status.

Enhanced Memory Management

The Printer has its own Data Compression Technology, which can automatically compress graphic data and download font data efficiently into the printer's memory. You can avoid memory errors and print most full page 300 dpi graphic and text data, including larger fonts, with the printer's standard memory.

Multi-purpose Sheet Feeder

The printer has a multi-purpose sheet feeder that can feed plain paper, envelopes and organizer paper.
When the printer receives data, it begins the print process by loading paper from the multi-purpose sheet feeder.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
1. Select and set the PC command and status.	09/12/1995 15:25 ON LINE
2. Your PC will send a print command and data to the printer. If the printer is in sleep mode, it will wake up. (See page 2-13.)	09/12/1995 15:25 RECEIVING DATA
3. When the PC has sent first page data, the machine starts printing.	09/12/1995 15:25 REMAINED DATA
4. The machine starts to print next page automatically. Example: 2 pages of data	09/12/1995 15:25 REMAINED DATA
5. When the machine ends to print all data, the machine returns to on-line status.	09/12/1995 15:25 ON LINE
If some data is still remaining in memory, press **ON/OFF LINE** and then press **FF/CONT**.	09/12/1995 15:25 REMAINED DATA

Helpful Hints You may select the proper paper source, paper size, and orientation in your application software.

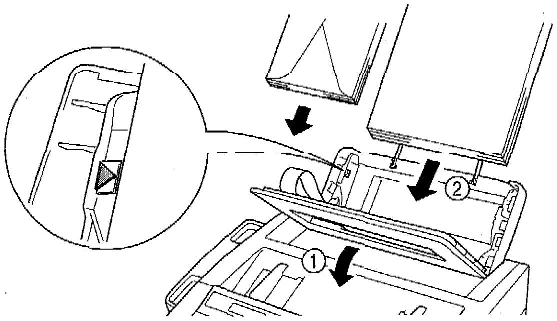
If your application software does not support your custom paper size, select the next paper size up that is closest but larger than the custom size. Then adjust the print area by changing right and left margins in your application software.

NOTICE

When you use labels, or transparencies for overhead projectors, be sure to use the manual feed slot. See the next section "MANUAL FEED SLOT" for more details.

FOR YOUR INFORMATION

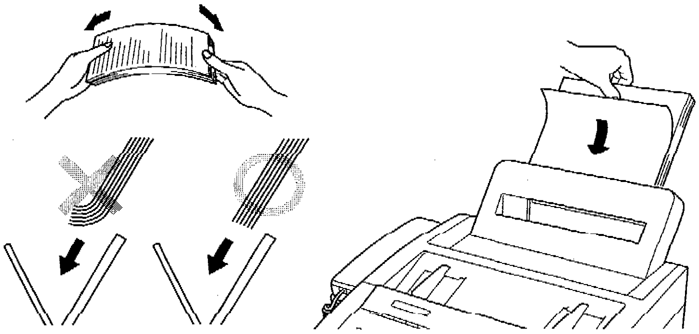
If you load envelopes in the feeder, make sure they are inserted in the direction shown below. Make sure that the pape level is stacked below the ▶ make.



Helpful Hints If the multi-purpose sheet feeder runs out of paper when you try to print, the LCD shows "PAPER EMPTY" to alert you with a paper empty error message. You have to load paper in the feeder and press the **FF/CONT** key to cancel the alarm and continue printing. If paper jams in the machine, the LCD also shows "PRINTER JAM". If the error is a paper jam, clear it referring to the Troubleshooting section of this manual.

Two Side Printing (Manual Duplexing)

The supplied printer driver for Windows 3.1 enables manual duplex printing. For more information about settings, see the help screen text of the printer driver. The printer will print all the even numbered pages on one side of the paper first, and then prints all the odd pages on the reverse side of the paper. When you have finished printing on one-side of the paper, the Windows driver instructs you to re-insert the paper by a pop-up message on the computer. Follow the instructions on how to reinsert the paper.
Before re-inserting the paper, you have to straighten them well. Or you may get the paper jam. Use of very thin or very thick paper is not recommended. If you encounter the double feeding error, we recommend you to hold the paper except the front sheet whilst the printer is feeding it.

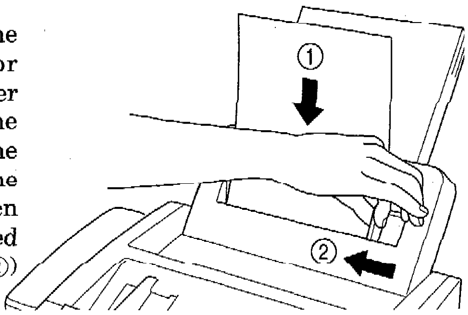


NOTICE

When you use Manual Duplex function, it is possible that a paper jam may occur or print quality might not be satisfactory.

Manual Feed Slot

The multi-purpose sheet feeder also has a manual feed slot. You can manually load paper sheet by sheet into this slot. You do not need to remove paper from the multi-purpose sheet feeder. When you use labels or transparencies, be sure to use this slot. For information on paper specifications, see "Paper Specifications" on page 10-1.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
1. Make sure that you have selected the manual paper feed, paper size and orientation in your software application.	09/12/1995 15:25 ON LINE
2. Choose a print command to send a file or document to the printer.	
3. Holding the selected size of paper in the selected orientation (Portrait or Landscape). Place the side of the paper you wish to print on face down into the manual feed slot. Align the paper to the left side of the feed slot, insert it all the way into the manual feed slot. (①) Then move the paper guide of the manual feed slot to the paper width you are using. (②)	
4. Select and set the PC commands and status.	09/12/1995 15:25 ON LINE
5. Your PC will send a print command and data for one page to the printer. If the printer is in sleep mode, it will wake up. (See page 2-3.)	09/12/1995 15:25 RECEIVING DATA 09/12/1995 15:25 MANUAL FEED 09/12/1995 15:25 PRESS FF/CONT
6. Press **FF/CONT**. The printer loads the paper from the manual feed slot and starts printing. You need to press the **FF/CONT** key for every paper you load manually. Repeat steps 4, 5 and 6 until you have printed all the pages.	09/12/1995 15:25 ON LINE DATA

Helpful Hints

1. You may select manual paper feed, paper size, and orientation in your application software. If your application software does not allow these settings, you should set them by using the RPC program supplied with your printer.

2. If you do not select manual paper feed and insert a page in the manual feed slot, the printer loads the first page from the manual feed slot and loads the subsequent pages from the multi-purpose sheet feeder.

3. If your application software does not support your custom paper size, select the next paper size up that is closest but larger than the custom size. Then adjust the print area by changing right and left margins in your application software.

4. When you want to stop or clear the manual feed, press **SHIFT** and **TEST/RESET** or you also stop it by PC command.

5. When you use manual feed printing, you had better press **PRINT PRIORITY** first. It allows you to print PC data without being interrupted by fax receiving. Any incoming fax messages while you are printing some data, will automatically be stored in its memory. So you can continue to print PC data by pressing **FF/CONT** after the printing of one page has finished.

FOR YOUR INFORMATION

Output Tray

The printer ejects paper with printed surfaces face down into the output tray at the front of the printer.

You can stack up to 100 sheets in the output tray.

When you use transparencies, remove each sheet immediately after printing. Stacking sheets may cause toner to smear onto the back of the previous sheet.

Printing the Internal Font List

The machine prints a list of the internal or resident fonts of the printer. If permanent fonts are downloaded into the printer memory, the printer also prints a list of permanent download fonts.
If you print a print font list, you can check to make sure how the font looks before you select it. Before you begin operation, please make sure no data remains in the mamory. If it remains, print it out by using **FF/CONT** key first. (See page 10-3.)

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **2**.	2.PRINTER
4. Press **1**.	1.PRINT OPTIONS
5. Press **1**.	1.INTERNAL FONT
6. Press 1 if you want to print the internal resident fonts or press 2 if you want to print the parmanent font. Example: 1.INTERNAL FONT	PRESS START KEY
7. Press **START**. The machine will start printing.	PRINTING
8. The machine ends to print the list.	1.INTERNAL FONT
9. Press **STOP** to exit.	

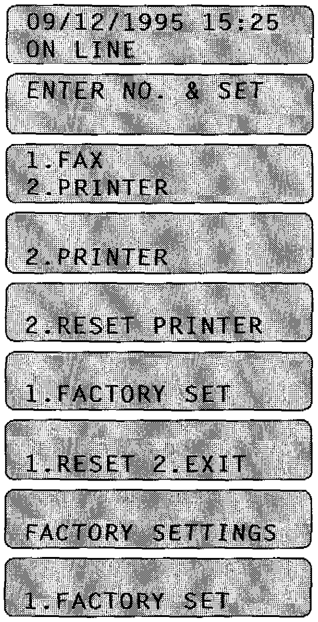
Printing the Print Configure List

The printer prints the current settings that configure or setup the printer.
Before you begin operation, please make sure no data remains in the memory. If it remains, print it out by using **FF/CONT** key first. (See page 10-3.)

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **2**.	2.PRINTER
4. Press **1**.	1.PRINT OPTIONS
5. Press **3**.	3.CONFIGURATION
	PRESS START KEY
6. Press **START**. The machine will start printing.	PRINTING
7. The machine ends to print the list.	3.CONFIGURATION
8. Press **STOP** to exit.	

Restoring to the Factory Default Settings

You can restore user default settings and temporaly settings for the printer to factory default settings. The printer is also restored to the parmanent fonts and macros are cleared. You can change the user settings with the remote printer console program. (See the Setup Manual page 3-14~20.)
Before you begin operation, please make sure no data remains in the memory. If it remains, print it out by using **FF/CONT** key first. (See page 10-3.)



KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **2**.	2.PRINTER
4. Press **2**.	2.RESET PRINTER
5. Press **1**.	1.FACTORY SET 1.RESET 2.EXIT
6. Press **1**.	FACTORY SETTINGS
7. Press **STOP** to exit.	1.FACTORY SET

Printing PC Data in Hexadecimal

The printer can print data as hexadecimal values, so that you can check data errors and problems. If you set HEX DUMP MODE, all the PC data is printed in hexadecimal and you reset it by pressing **SHIFT** and **RESET**.
Before you begin operation, please make sure no data remains in the memory. If it remains, print it out by using **FF/CONT** key first. (See page 10-3.)

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seconds.	1.FAX 2.PRINTER
3. Press **2**.	2.PRINTER
4. Press **2**.	2.RESET PRINTER
5. Press **2**.	2.HEX DUMP MODE
	1.SET 2.EXIT
6. Press **1**.	2.HEX DUMP MODE
7. Press **STOP** to exit.	09/12/1995 15:25 HEX DUMP MODE

11. PRINTING REPORTS AND LISTS

You can print the following lists and reports under function item 3. PRINT REPORTS.

Level one function	Level two function	Content	Page
<FAX AREA> 3. PRINT REPORTS	1. ACT. REPORT	The Activity Report lets you know whether transmissions and incoming faxes were received.	11-3
	2. ALL DIAL	This is a list of the names and numbers that are stored in One-Touch and Speed-Dial memory, printed in One-Touch and Speed-Dial number order.	11-5
	3. TEL. INDEX	The same as the All Dial list printed in alphabetical order.	——
	4. COVERPAGE	This allows you to check the Cover Page format.	5-18
	5. CALL BACK MSG	Used to check the Call Back message format.	5-25
	6. USER OPTIONS	The settings for XMIT REPORT and FUNCTION MENU 5 to 9 (User Options, Tel Options, Setup System, Security Menu and Remote Fax OPT) are printed here.	——
	7. XMIT REPORT	You can choose whether the Transmission Verification Report will be printed after all faxes you send. ON/OFF	11-7
	8. MEMORY STATUS	The addressee and the amount of occupied memory for items stored in the memory are printed here.	11-7
	9. PRT MBOX REPRT (Only for MFC 5500ML)	You can check if you received any confidential messages into your mailbox.	8-9

NOTE: If the engine of the machine has entered the sleep mode (see page 2-13) and the engine has started to cool down (the cooling fan may still be running), the machine will need to warm up for printing the above lists and reports. The LCD will show "WARMING UP".

Other Reports

The following reports are printed automatically, for your information.

Help List (By pressing **HELP** on the control panel.) (See page 2-8~10.)
Polled Report
Delayed Sending Report
Broadcast Report
Sequential Polling Report
Transmission Verification Report
Relay Broadcast Report (Only for MFC 5500ML)
Retrieval Report (Only for MFC 5500ML)

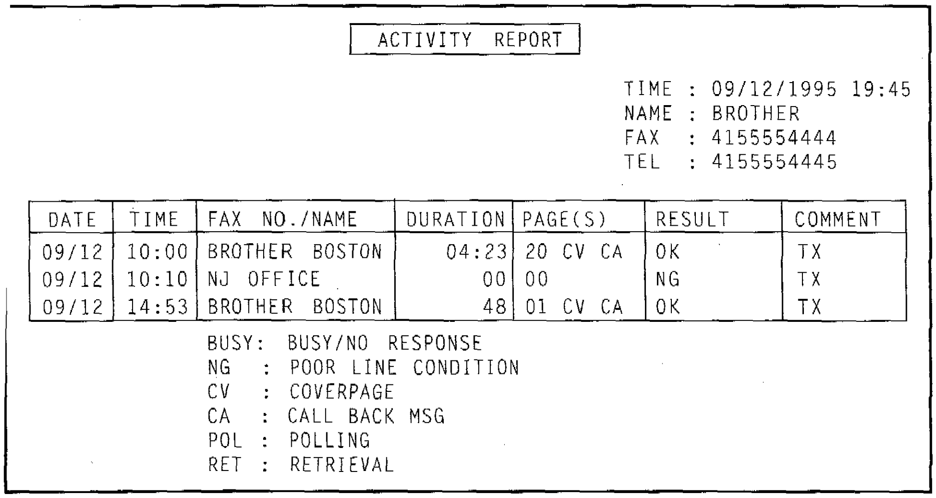
All the reports and lists may be printed as follows:

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION.**	ENTER NO. & SET
2. Wait for two seceonds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **3**.	3.PRINT REPORTS
5. Press the number of the level two function you wish to print. Example: 1.ACT.REPORT.	1.ACT.REPORT
	PRESS START KEY
6. Press **START**.	PRINTING

Activity Report Interval

An activity report can be printed at certain intervals that you specify. You have a choice of setting the journal interval period to "OFF", "6 hours", "12 hours", "24 hours", "2 days", "4 days", or "7 days". The activity report will provide a list of all outgoing and incoming faxes (the last 30) during that period. The initial setting is "OFF".

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seceonds.	1.FAX 2.PRINTER
3. Press **1**.	1.FAX
4. Press **7**.	7.SETUP SYSTEM
5. Press **3**.	3.INTERVAL
	ACT.RPT.:OFF SELECT ← → & SET
6. Press ◄ (left arrow) or ► (right arrow) to choose the setting. Example: 12 HOURS. If you select seven days, you should choose the base day of the week.	EVERY 12 HOURS
7. Press **SET**.	START AT:00:00
8. Enter the time to print in 24-hour format using the number keys. Example: **19:45** (7:45P.M.).	START AT:19:45
9. Wait for two seconds.	3.INTERVAL
10. Press **STOP** to exit.	

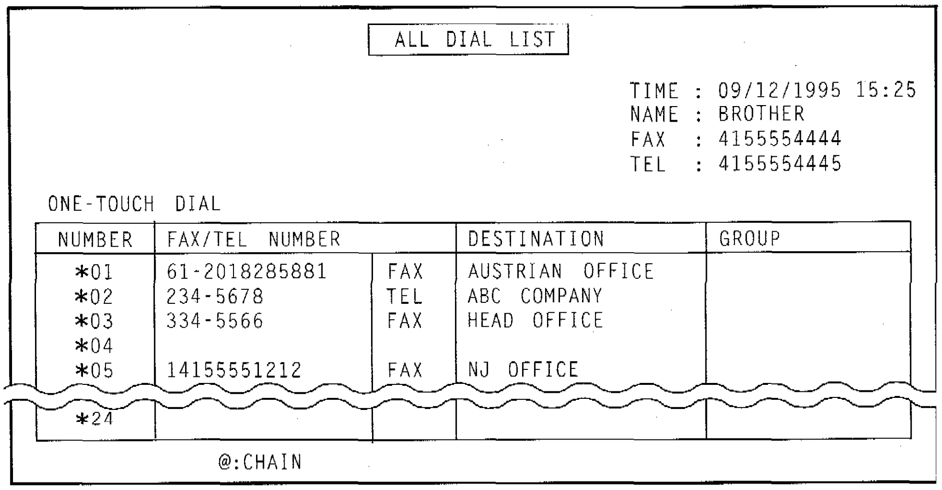


```
                    ACTIVITY REPORT

                                   TIME : 09/12/1995 19:45
                                   NAME : BROTHER
                                   FAX  : 4155554444
                                   TEL  : 4155554445

DATE  TIME   FAX NO./NAME    DURATION PAGE(S)    RESULT    COMMENT
09/12 10:00  BROTHER BOSTON     04:23 20 CV CA   OK        TX
09/12 10:10  NJ OFFICE             00 00         NG        TX
09/12 14:53  BROTHER BOSTON        48 01 CV CA   OK        TX

             BUSY: BUSY/NO RESPONSE
             NG  : POOR LINE CONDITION
             CV  : COVERPAGE
             CA  : CALL BACK MSG
             POL : POLLING
             RET : RETRIEVAL
```

Note : "TX" means Transmit, "RX" means Receive. (MFC 4500ML)

Printing the All Dial List

You can print a list of all stored One-Touch numbers and Speed-Dial numbers.



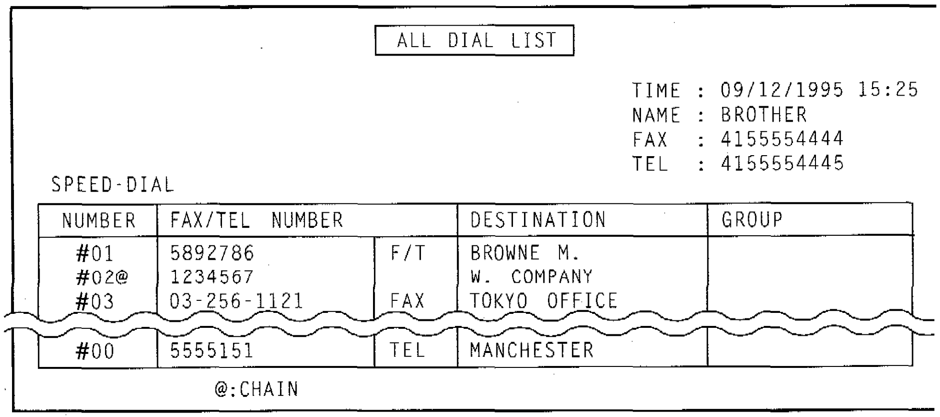
ALL DIAL LIST

TIME : 09/12/1995 15:25
NAME : BROTHER
FAX : 4155554444
TEL : 4155554445

ONE-TOUCH DIAL

NUMBER	FAX/TEL NUMBER		DESTINATION	GROUP
*01	61-2018285881	FAX	AUSTRIAN OFFICE	
*02	234-5678	TEL	ABC COMPANY	
*03	334-5566	FAX	HEAD OFFICE	
*04				
*05	14155551212	FAX	NJ OFFICE	
*24				

@:CHAIN



ALL DIAL LIST

TIME : 09/12/1995 15:25
NAME : BROTHER
FAX : 4155554444
TEL : 4155554445

SPEED-DIAL

NUMBER	FAX/TEL NUMBER		DESTINATION	GROUP
#01	5892786	F/T	BROWNE M.	
#02@	1234567		W. COMPANY	
#03	03-256-1121	FAX	TOKYO OFFICE	
#00	5555151	TEL	MANCHESTER	

@:CHAIN

(FAX-4500ML/5500ML

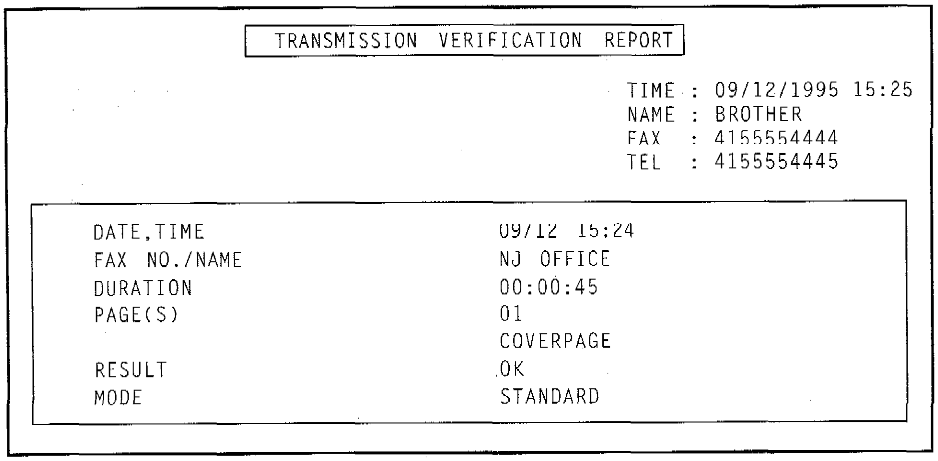
Transmission Verification (Xmit) Report

Set the Transmission Verification Report to ON or OFF. The initial setting is OFF.

OFF: Report will be printed if transmission errors occur.
ON: Report will be printed every time a fax message is sent correctly or an error occurs.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Press **FUNCTION**.	ENTER NO. & SET
2. Wait for two seceonds.	1.FAX 2.PRINTER
3. Press **1**.	1.TEMP.SETTINGS
4. Press **3**.	3.PRINT REPORTS
5. Press **7**.	7.XMIT REPORT
	XMIT REPORT:OFF SELECT ← → & SET
6. Press ◄ (left arrow) or ► (right arrow) to choose the setting. Example: ON.	XMIT REPORT:ON
7. Press **SET**.	7.XMIT REPORT
8. Press **STOP** to exit.	

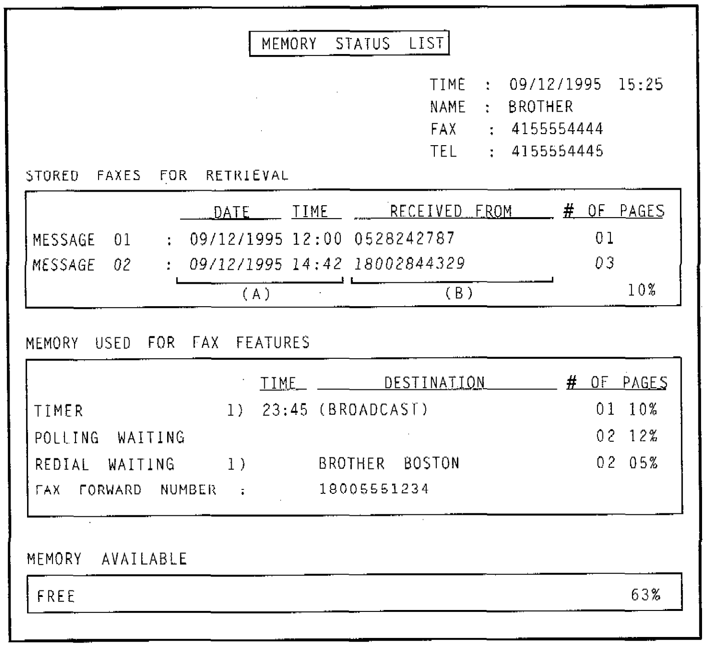
Helpful Hints When you set this to ON, the delayed transmission report and the polled report will be printed every time you send it collectly or an error occurs.



```
                 TRANSMISSION VERIFICATION REPORT

                                         TIME : 09/12/1995 15:25
                                         NAME : BROTHER
                                         FAX  : 4155554444
                                         TEL  : 4155554445

   DATE,TIME                    09/12 15:24
   FAX NO./NAME                 NJ OFFICE
   DURATION                     00:00:45
   PAGE(S)                      01
                                COVERPAGE
   RESULT                       OK
   MODE                         STANDARD
```

Memory Status List

The MEMORY STATUS LIST will show you the addressee and amount of occupied memory for items stored in the memory such as delayed transmissions and polled waiting. You will see the combined total of stored fax messages for retrieval. The available memory is expressed as percentage of remaining memory.



```
                         MEMORY STATUS LIST

                                   TIME  :  09/12/1995  15:25
                                   NAME  :  BROTHER
                                   FAX   :  4155554444
                                   TEL   :  4155554445
STORED FAXES FOR RETRIEVAL

                     DATE     TIME    RECEIVED FROM      # OF PAGES
MESSAGE 01   :  09/12/1995 12:00  0528242787               01
MESSAGE 02   :  09/12/1995 14:42  18002844329              03
                      (A)                (B)                  10%

MEMORY USED FOR FAX FEATURES

                            TIME        DESTINATION       # OF PAGES
TIMER                   1)  23:45  (BROADCAST)             01  10%
POLLING WAITING                                            02  12%
REDIAL WAITING          1)         BROTHER BOSTON          02  05%
FAX FORWARD NUMBER  :              18005551234

MEMORY AVAILABLE

FREE                                                          63%
```

You received two FAX messages;
(A) When the fax came in
(B) Sending party's number

This shows that you hav three items in the fax' memory for timer, pollin and redial transmissions

This shows the Fa Forwarding number.

This shows the amoun of available memory.

12. HOW TO USE THE COPY FUNCTION

Making a Single Copy

Use this function to make a single copy or multiple copies.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Insert the documents face down into the feeder.	FAX: NO. & START ON LINE
	COPY: PRESS COPY ON LINE
2. Press **COPY**.	NO.OF COPIES:01 ON LINE
	ENTER & COPY KEY ON LINE
3. Press **COPY** or just wait for 5 seconds.	COPYING ON LINE
	COPYING P.01 ON LINE
	COPYING P.02 ON LINE

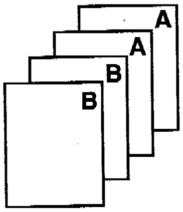
Helpful Hints

1. Set the resolution to either PHOTO (for pictures), FINE or S. FINE (for text). If you select STANDARD, the resolution will automatically change to FINE. However, if you have an outgoing document in memory and you haven't selected the PHOTO setting, the resolution will automatically change to STANDARD regardless of the setting you selected.
2. When you want to change the resolution for each page, use Function menu 1-1-5 (see page 6-15) to set the resolution for each page.
3. When you want to make a copy, make sure the text or image on the original document is not too close to the edge. Your fax machine cannot read anything closer than 4 mm (1/8 inch) from the edge.
4. Do not pull on the paper while copying is in progress. This may distort the copied image and damage your machine.
5. You can make a copy while you are printing PC data. Once you start coping, your machine waits for printing PC data until copying is finished.
6. You can only make a copy on recording paper of Letter, Legal and A4 size.

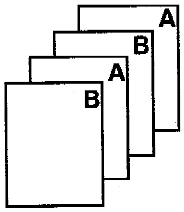
NOTE: If the machine has entered the sleep mode (see page 2-13) and has started to cool down (the cooling fan may still be running) the machine will need to warm up for copying. The LCD will show "WARMING UP".

Making Multiple Copies

There are two ways to make multiple copies on your fax machine. The first is the stacking method, this will make "n" copies of page one, "n" copies of page two, and so on. These will all be stacked on top of each other. The second method is the sorting or collating method (Only for MFC 5500ML). This is when the fax machine scans the entire document and then makes 1 copy of page 1, 2, 3, 4 in order. Then makes a second copy of 1, 2, 3, 4 until a total of n copies has been made.



(Stacking)



(Sorting) (Only for MFC 5500ML)

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Insert the documents face down into the feeder.	FAX: NO. & START ON LINE COPY: PRESS COPY ON LINE
2. Press **COPY**.	NO.OF COPIES:01 ON LINE ENTER & COPY KEY ON LINE
3. Enter two digits for the number of copies you want using the number keys (Max. 99 copies). Example: **05**.	NO.OF COPIES:05 ON LINE
(Stacking)	
4. Press **COPY** or just wait 5 seconds.	COPY STACK ON LINE
5. The machine begins copying.	COPY STACK P.01 ON LINE

Making Sorted Copy (Only for MFC 5500ML)

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Insert the documents.	FAX: NO. & START ON LINE COPY: PRESS COPY ON LINE
2. Press **SORT**.	SORT COPIES:01 ON LINE ENTER & COPY KEY ON LINE
3. Enter two digits for the number of copies you want using the number keys (Max. 99 copies). Example: **05**.	SORT COPIES:05 ON LINE
4. Press **COPY**.	COPY SORT ON LINE
5. The machine begins copying.	COPY SORT P.01 ON LINE

NOTE: 1. When making Multiple Copies, do not let the receiving tray overstacked. Remove copied paper from receiving tray frequently.
2. When making Multiple Copies, make sure there is enough recording paper in the machine.
3. Original documents should be straight, non wrinkled, to be correctly fed. Otherwise the documents may occasionally jam.

Making Reduced and Enlarged Copies

Use this function to make reduced or enlarged copies of a document. Select Auto Reduction (AUTO) if you want to reduce the size of the original, regardless of its size, to the size of the recording paper. To enlarge or reduce a document, select one of the enlargement/reduction ratios: 150%, 125%, 120%, 93%, 87%, 75% or 50%. If you want to reproduce the same size, select 100%.

(For MFC 3900ML/4000ML/4500ML)

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Insert the documents face down into the feeder.	FAX: NO. & START ON LINE COPY: PRESS COPY ON LINE
2. Press **REDUCE or ENLARGE**.	ELG/RDC:AUTO ON LINE SELECT ↔ & COPY ON LINE
3. Press ◄ (left arrow) or ► (right arrow) to choose the setting. - If you want Auto Reduction, select "AUTO". - If you want to reproduce the same size, choose 100%. - For Fixed Enlargement or Reduction, choose one of the following settings: 150%, 125%, 120%, 93%, 87%, 75% or 50%. Example: 93%	RDC: 93% ON LINE
4. Press **COPY**.	NO.OF COPIES:01 ON LINE ENTER & COPY KEY ON LINE
5. Enter two digits for the number of copies you want using the number keys (Max. 99 copies). Example: **05**	NO.OF COPIES:05 ON LINE
6. Press **COPY** or just wait for 5 seconds.	COPY STACK ON LINE
7. The machine begins copying.	COPY STACK P.01 ON LINE

(For MFC 5500ML)

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Insert the documents face down into the feeder.	FAX: NO. & START ON LINE COPY: PRESS COPY ON LINE
2. Press **ENLARGE/REDUCE**.	ELG/RDC:AUTO ON LINE SELECT ←→ & COPY ON LINE
3. Press ◄ (left arrow) or ► (right arrow) to choose the setting. If you want Auto Reduction, select "AUTO". - If you want to reproduce the same size, choose 100%. - For Fixed Enlargement or Reduction, choose one of the following settings: 150%, 125%, 120%, 93%, 87%, 75%, or 50%. Example: 93%	ELG/RDC: 93% ON LINE
4. Press **COPY**.	NO.OF COPIES:01 ON LINE ENTER & COPY KEY ON LINE
5. Enter two digits for the number of copies you want using the number keys (Max. 99 copies). Example: **05**	NO.OF COPIES:05 ON LINE
6. Press **COPY** or just wait for 5 seconds.	COPY STACK ON LINE
7. The machine begins copying.	COPY STACK P.01 ON LINE

NOTICE

- When enlarging, any portion that extends outside the edge of the printing paper will be cut off.
- The selection you made under Function menu 1-5-6 (see page 6-5~6) will not effect enlargements, but it will effect reductions, as follows: If the recording paper is letter size, you can select a reduction ratio of 93%, 87%, or 75%. If it is A4 size, you can select a reduction ratio of 93% or 87%. And if it is legal size, you can select 93% only. (See page 6-8.)

FOR YOUR INFORMATION

What to Do When You Get a "MEMORY FULL" Message while Making Copies (Only for MFC 5500ML)

When you are using the sorting method, if the memory becomes full when scanning page one, the display shows "PRESS STOP KEY", then press **STOP** to abort the job.

If the memory becomes full on page 2 or more of a multi-page document, you will be prompted to press **START** to send the portion already scanned, or **STOP** to abort the job.

Making the Photo Copy

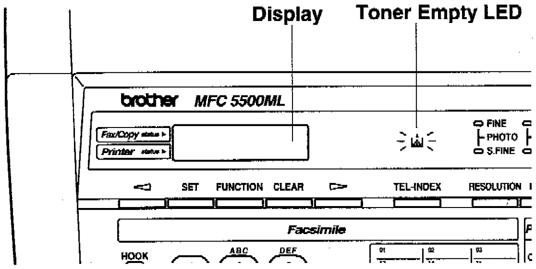
You can make the Photo Copy by pressing **PHOTO** without pressing the **RESOLUTION**.

KEYS TO BE PRESSED	STATUS OF LCD DISPLAY
	09/12/1995 15:25 ON LINE
1. Insert the documents.	FAX: NO. & START ON LINE COPY: PRESS COPY ON LINE
2. Press **PHOTO**.	NO.OF COPIES:01 ON LINE ENTER & COPY KEY ON LINE
3. Enter two digits for the number of copies you want using the number keys (Max.99 copies). Example: 05.	NO.OF COPIES:05 ON LINE
4. Press **COPY** or just wait 5 seconds.	COPY STACK ON LINE
5. The machine begins copying.	COPY STACK P.01 ON LINE

13. REPLACING

Toner Empty Indication

When the toner cartridge is running low, the display will show "CHANGE TONER" and the Toner Empty LED on the control panel will flash on and off to indicate the toner is low.


Display
Toner Empty LED
brother MFC 5500ML
Fax/Copy
Printer
FINE
PHOTO
S.FINE
SET
FUNCTION
CLEAR
TEL-INDEX
RESOLUTION
Facsimile
HOOK
ABC
DEF

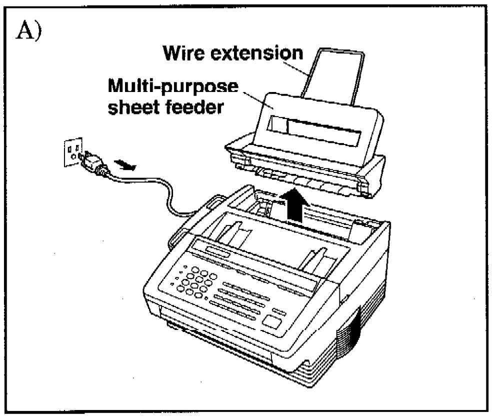
The Toner Empty LED will light and the display will show "CHANGE TONER" and "TONER EMPTY" alternately to indicate that the toner is empty. Once this indication appears, your machine will not resume printing until you have installed a new toner cartridge.

Helpful Hints

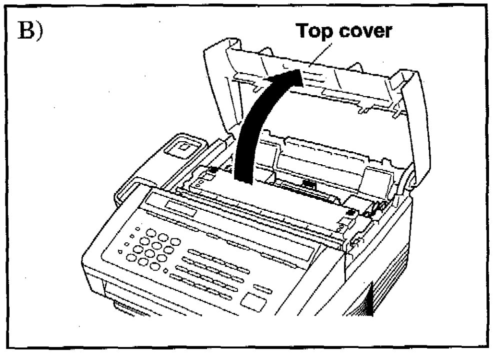
1. It is recommended that you always keep a new toner cartridge ready for use for when you get the toner low warning.
2. Discard the used toner cartridge according to local regulations. If you are not sure of the local regulations, consult your dealer.

Replacing the Toner Cartridge

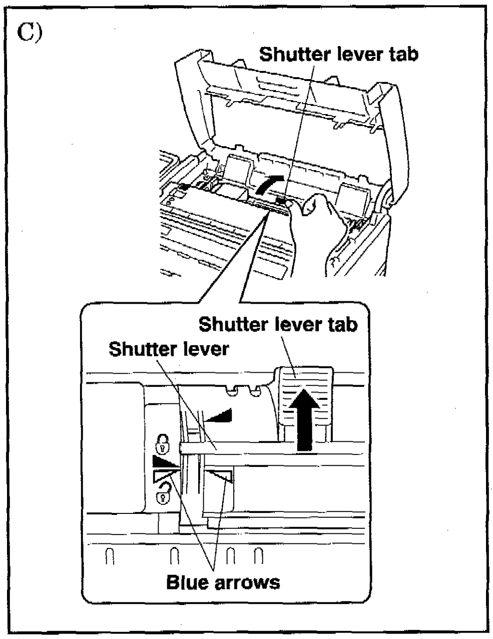
Follow these steps to replace the toner cartridge:


A)
Wire extension
Multi-purpose sheet feeder

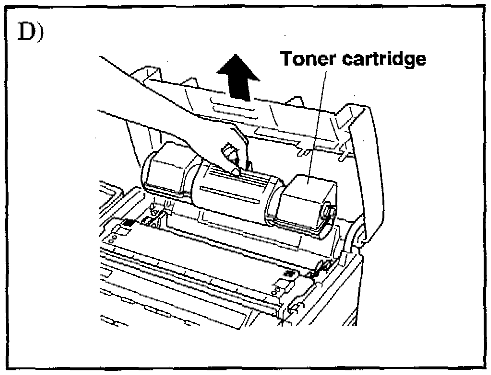
A) Make sure you unplug the power cord and remove the Multi-purpose sheet feeder from the machine before starting.



B) Open the top cover.

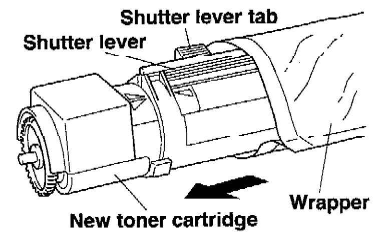

C)
Shutter lever tab
Shutter lever tab
Shutter lever
Blue arrows

C) Push the shutter lever tab on the toner cartridge backward until the two blue arrows line up.


D)
Toner cartridge

D) Grasp the shutter lever and pull out the used cartridge.

E)


Shutter lever tab
Shutter lever
Wrapper
New toner cartridge

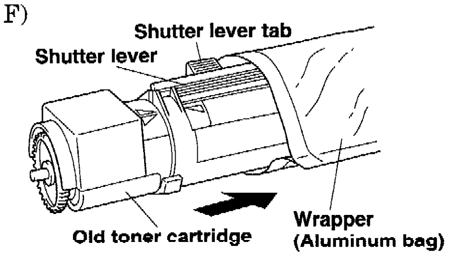
E) Take the new toner cartridge out of the wrapper just before installing it.

WARNING
- If you leave the toner cartridge unwrapped, you may find its product life is shortened, so please be careful.
- Do not move the shutter lever to open the cartridge until it is installed.

Helpful Hints

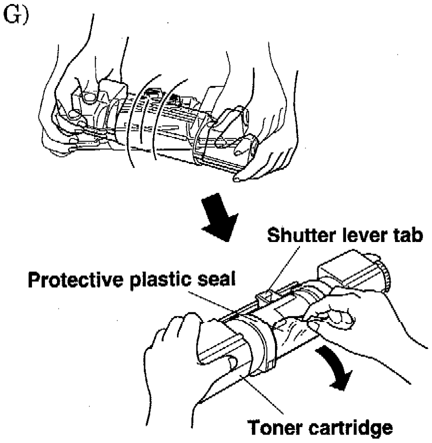
1. The toner cartridge cannot be removed unless the shutter is completely closed by moving the lever fully to the rear.
2. Handle the toner cartridge carefully. If toner scatters and your hands or clothes get dirty, wipe or wash it off with cold water immediately.
3. It is recommended you can only use a genuine toner cartridge. Using another brand of toner cartridge could void your machine's warranty.

F)


Shutter lever tab
Shutter lever
Wrapper
(Aluminum bag)
Old toner cartridge

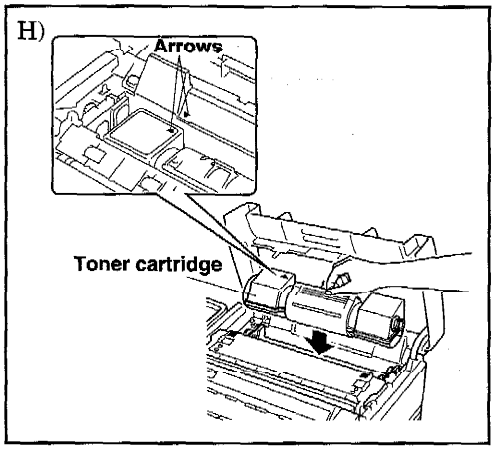
F) Place the used toner cartridge into the aluminum bag or plastic bag and discard it according to local regulations.

G)

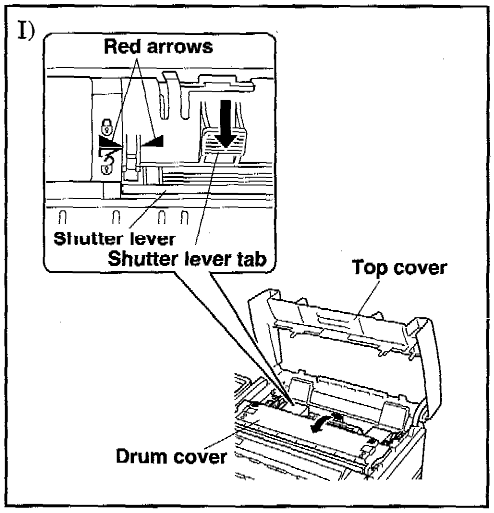

Shutter lever tab
Protective plastic seal
Toner cartridge

G) Shake the new toner cartridge well.

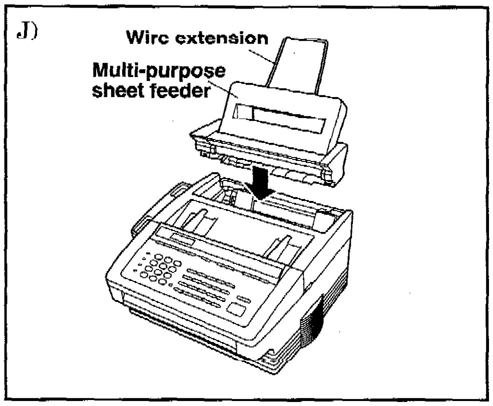
Then remove the protective plastic seal. Do not move the shutter lever tab.


H)
Arrows
Toner cartridge

H) Install the new toner cartridge inside the drum unit with the "▲" sign pointing toward the back of the unit. Check to see that it is secure by pressing down on both sides of the cartridge.


I)
Red arrows
Shutter lever
Shutter lever tab
Top cover
Drum cover

I) Pull the shutter lever on the toner cartridge toward you until the two red arrows line up.
Then, *close the top cover*.


J)
Wire extension
Multi-purpose sheet feeder

J) Reinstall the Multi-purpose sheet feeder into the machine, and check to see that it is secure.
Then plug in the power cord.

NOTE

After the replacement of toner cartridge, the LCD display "CHANGE TONER" or "TONER EMPTY" or Toner Empty LED will be reset. If not please remove the toner cartridge and repeat the instalation procedure.

Replacing the Drum Unit

The machine uses a drum unit to create the print images on. If there has been a noticeable deterioration in the output print quality, the drum unit should be replaced.

Helpful Hints

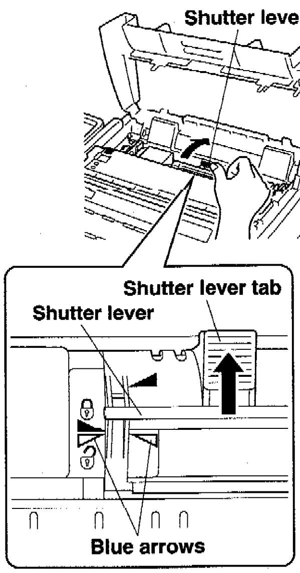
1. When removing the drum unit, please handle it carefully because it may contain toner which could spill.
2. You should clean the printer at the same time as you replace the drum unit. (See 14-1~3.)
3. Discard the used drum unit according to local regulations. If you are not sure of them, consult your dealer.

Follow these steps to replace the drum unit:

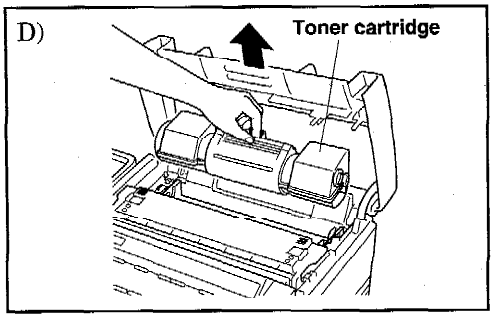
A) Make sure you unplug the power cord and remove the Multi-purpose sheet feeder from the machine before starting.

B) Open the top cover.

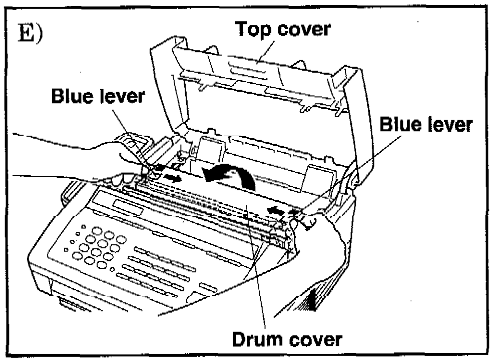
C)



C) You first need to remove the toner cartridge that is inside the old drum unit. Push the shutter lever tab on the toner cartridge backward until the two blue arrows line up.

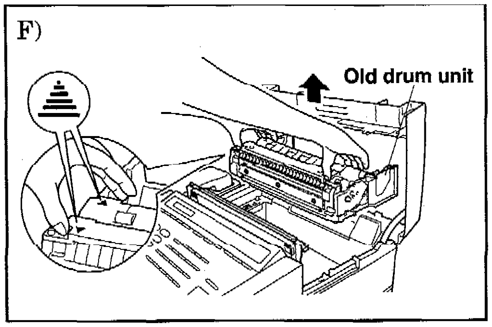

D)
Toner cartridge

D) To remove the toner cartridge, grasp the shutter lever and pull out the toner cartridge and keep it in a safe place.

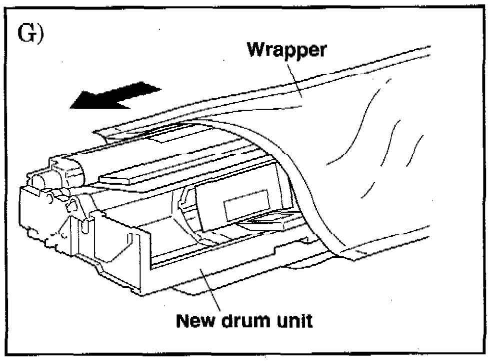

E)
Top cover
Blue lever
Blue lever
Drum cover

E) Slide the blue levers on both sides in the direction of the arrows, and lift the drum cover up.

WARNING
After you have used the machine, some internal parts of the machine are extremely hot. So please be careful.


F)
Old drum unit

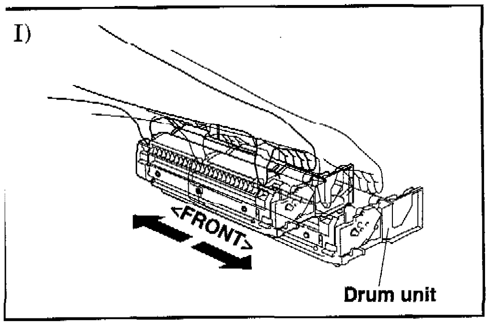
F) Remove the used drum unit, by grasping the ≜ marks. At each side lift it gently out of the machine.


G)
Wrapper
New drum unit

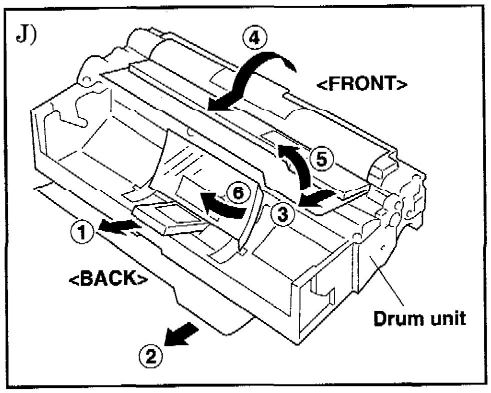
G) Take the new drum unit out of the wrapper. Unwrap the drum unit just before installing it in your machine.

WARNING
When the drum unit is directly exposed to sunlight or indoor light delete it may become unusable, so please be careful.

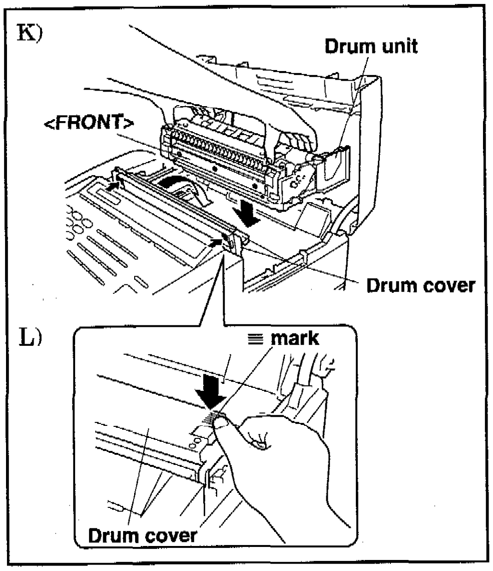
H) Place the used drum unit into the aluminum bag or plastic bag and discard it according to local regulations.



I) Shake the new drum unit from side to side several times. (Try to keep the drum unit flat while shaking.)



J) Remove the protective shipping parts in order, ① thru ⑥. Make sure that you remove all the protective parts from the unit.

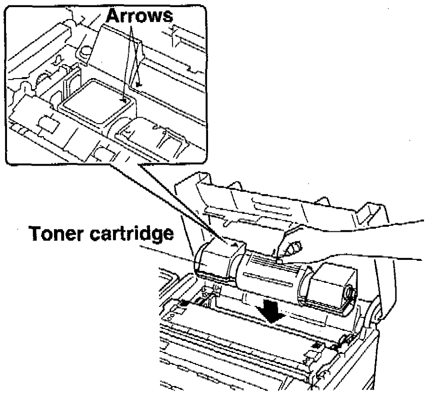


K) Install the new drum unit by lowering it straight down and then check to see that it is secure.

NOTE
Make sure that the front side of the drum unit is facing you as you install it per the illustration.

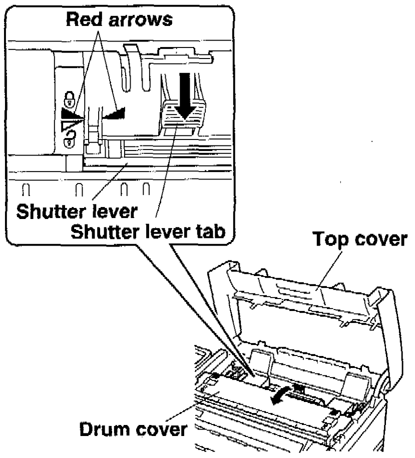
L) Close the drum cover by pressing the ≡ marks on both sides of the cover, *until you hear both blue* levers "click" into place.

M)


Arrows
Toner cartridge

M) Reinstall the toner cartridge inside the drum unit with the "▲" sign pointing toward back of the unit and then check to see that it is secure.

N)


Red arrows
Shutter lever
Shutter lever tab
Top cover
Drum cover

N) Pull the shutter lever on the toner cartridge toward you until the two red arrows line up.

O) Close the top cover.

P) Reinstall the Multi-purpose sheet feeder into the machine, and check to see tha it is secure. Then plug in the power cord.

14. REGULAR MAINTENANCE

Regular Maintenance

You can keep machine in optimum condition by cleaning it on a regular basis. It is a good idea to replace the toner cartridge and the drum unit during this routine. Avoid using thinners or other organic solvents to clean the machine and do not use water.

Follow the steps below:

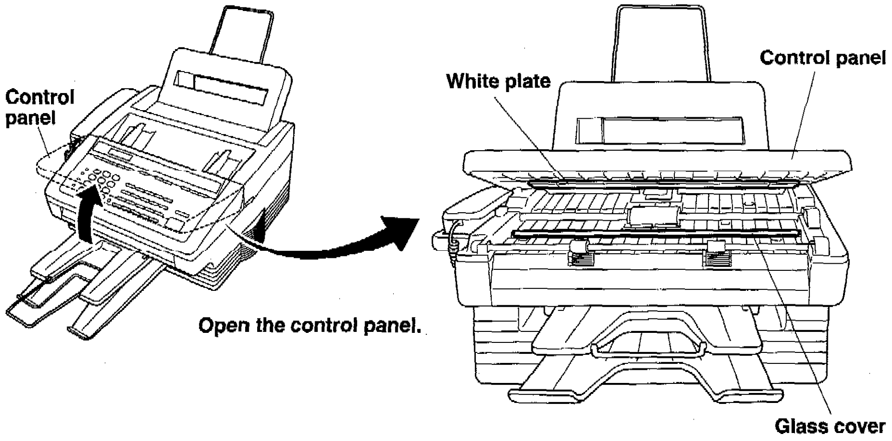
1. Unplug the telephone line and then the power cord.
   When you reconnect these lines later, make sure to connect the power cord first, then the telephone line.

2. Wipe dirt off the machine using a slightly damp cloth.

3. Clean the white plate and the glass cover.
   Moisten a small piece of soft, lint-free cloth with isopropyl alcohol and carefully remove dirt from the glass cover and the white plate of the scanner.

NOTE

Please do not use isopropyl alcohol to remove dirt from the control panel. It may cause a crack on the panel.

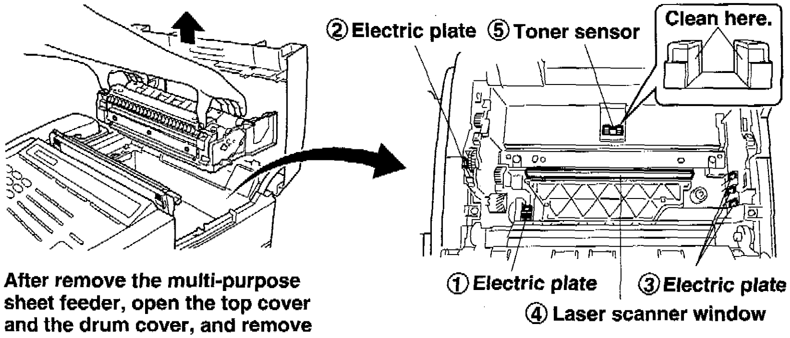


Open the control panel.

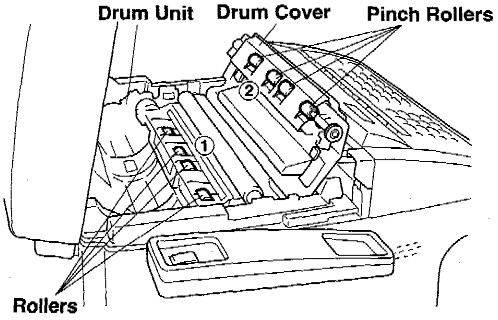
4. Wipe the electric plates (①, ②, ③), with a soft cloth containing isopropyl alcohol. Wipe the leser scanner window (④) and the toner sensor (⑤) with a dry soft cloth.

WARNING

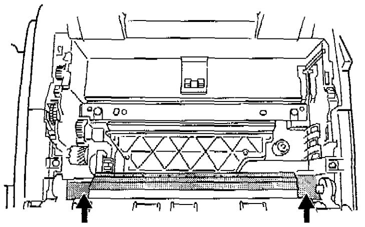
Do not use isopropyl alcohol to clean the scanner window (④) or the toner sensor (⑤).


② Electric plate
⑤ Toner sensor
Clean here.
① Electric plate
③ Electric plate
④ Laser scanner window

After remove the multi-purpose sheet feeder, open the top cover and the drum cover, and remove the drum unit.


Drum Unit
Drum Cover
Pinch Rollers
②
①
Rollers

5. Wipe dirt and dust away from the drum cover and printer inside with the soft cloth. You may use cleaning alcohol (isopropyl) on a cotton swab to wipe the rollers (①) and pinch rollers (②) of the drum cover.

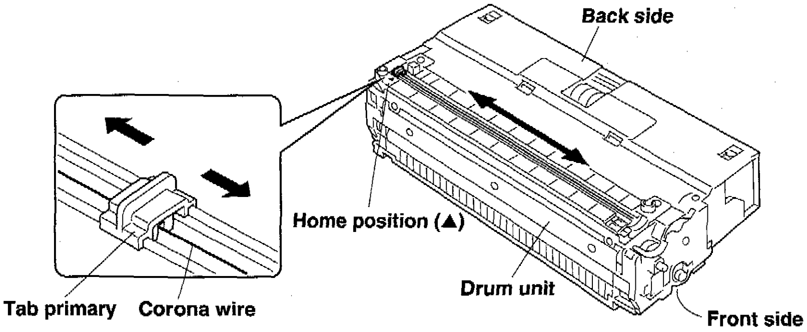


Shaded parts may be hot.

NOTE

After you have used the machine (MFC), some internal parts of the machine are extremely hot. When you open the top cover of the machine, never touch the shaded parts shown in the diagram to the left.

6. To clean the primary corona wire for the drum unit, first remove both the drum unit and the toner cartridge together from your machine. Make sure to align the 2 red arrows on the drum unit and the toner cartridge, and then turn the drum unit over. Move the tab, which is on the left side of the opening in the drum unit and is connected to the primary corona wire, back and forth to clean it. After you finish cleaning, make sure to return it to the left side where you see the ▲ mark.



IMPORTANT

Be sure to move the tab back to the home position after using it.

Helpful Hints If the scanner and printer are dirty, the quality of the transmission or reception image and copy will be degraded. Use the above procedure to clean these parts.

7. Install the drum unit into the machine.
8. Close the drum cover and top cover.
9. Install the multi-purpose sheet feeder.
10. Plug in the power cord.

Paper Jams

Your machine will sound an alarm if the document jams while going through the feeder or if the recording paper becomes stuck. The display will show "DOCUMENT JAM" or "PRINTER JAM".

Fixing a Document Jam

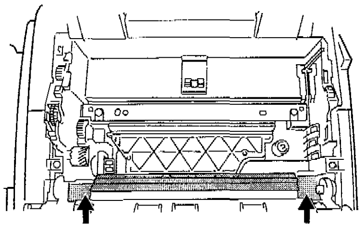
1. Open the front control panel.
2. Remove the jammed documents.
3. Close the control panel.
4. Press **STOP**.

Fixing a Recording Paper Jam

Before you can clear a paper jam error, you need to find out where the paper is jammed. There are 3 possible locations where a paper jam may occur, thus 3 ways to clear the jam.

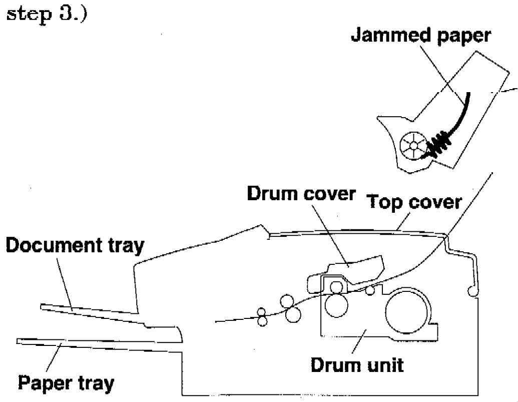
CAUTION

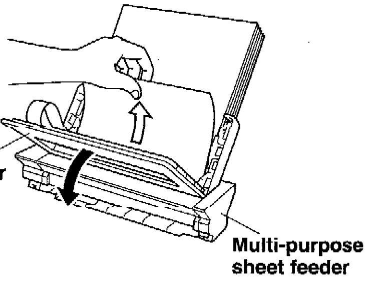
- Do not force the jammed paper from the paper tray. You may damage the machine and cause a malfunction in the unit.
- After you have used the machine, some internal parts of the machine are extremely hot. When you open the top cover of the machine, never touch the shaded parts shown in the following diagram.



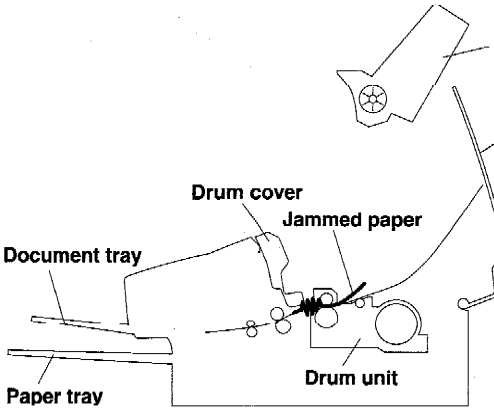
Shaded parts may be hot.

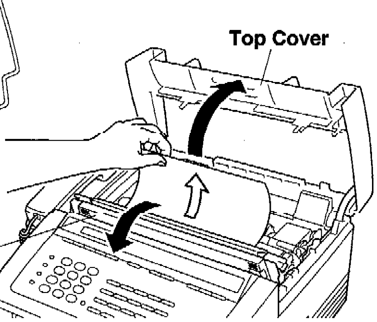
1. Remove the Multi-purpose sheet feeder.
2. If the jammed paper comes out with the feeder, open the paper cover and pull the jammed paper out of the feeder. (If the jam is cleared, go to step 5, otherwise go to step 3.)


Jammed paper
Multi-purpose sheet feeder
Drum cover
Top cover
Document tray
Drum unit
Paper tray

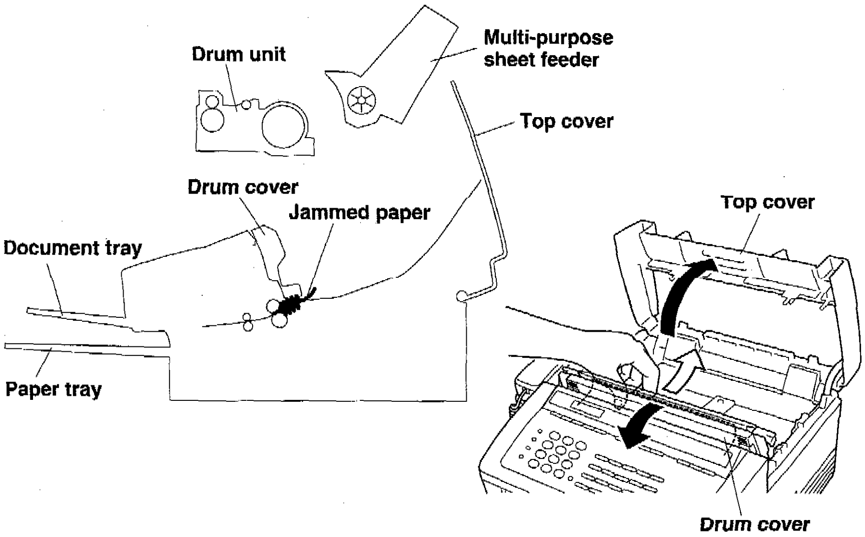

Paper cover
Multi-purpose sheet feeder

3. If the jammed paper does not come out with the feeder and is inside the unit, open the top cover and drum cover. Then pull the jammed paper out of the unit. (If the jam is cleared, go to step 5, otherwise go to step 4.)


Multi-purpose sheet feeder
Top cover
Drum cover
Jammed paper
Document tray
Drum unit
Paper tray


Top Cover
Drum cover

4. If you can not see the jammed paper in the unit, but it seems to be jammed deep inside the unit, remove the drum unit. Then pull the jammed paper out of the unit.

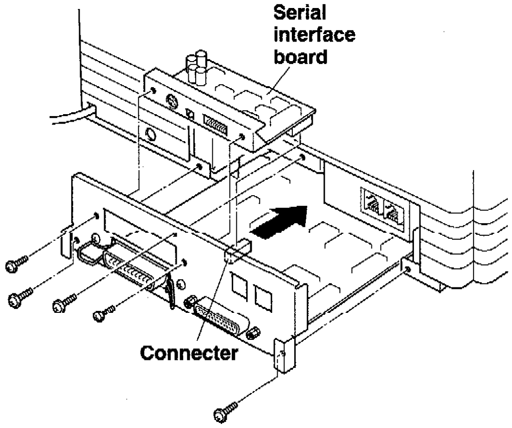

Drum unit
Multi-purpose sheet feeder
Top cover
Drum cover
Jammed paper
Document tray
Paper tray
Top cover
Drum cover

5. Replace the drum unit (from step 4), close the drum cover, then close the top cover (from step 3), and replace the feeder.

15. OPTIONS

Serial Interface Board

To connect the machine with a serial interface to a DOS computer or to an Apple Macintosh computer, you need to install the optional serial interface board. When you have installed a serial interface board, you can share the machine between two computers using the parallel and serial interfaces at the same time. Automatic interface selection is a standard feature.

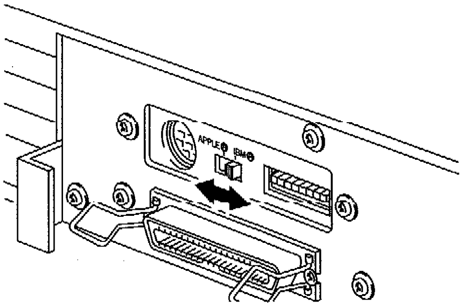


The serial interface board is installed onto the main controller board inside the machine. For the details about installation, see the instruction guide which was provided with the serial interface board.

Selecting the RS-422A (Apple) or RS-232C (IBM) Serial Interface

NOTE

Be sure to select the serial interface type that matches your computer as follows:
- Select RS-422A (Apple) for Macintosh computers: because RS-422A is the factory setting. If you are using a Macintosh computer, you do not need to change the setting. You may skip this section.
- Select RS-232C (IBM) or RS-422A (Apple) for PCs that operate with DOS or Windows.



If necessary, select the interface type as follow:

1. Make sure that the machine is in the off-line state.

2. Select the RS-422A (Apple) or RS-232C (IBM) interface by changing the serial interface slide switch to the right for IBM (RS-232C) or to the left side for Apple (RS-422A).

Setting the Serial Interface Parameters

NOTE

Be sure to set the parameters to match your computer as follows:

- Never change the RS-422A parameters for Apple Macintosh computers. The RS-422A parameters have been correctly set at the factory for Apple Macintosh computers, you do not need to change the setting. You may skip this section. If you change parameters for the RS-232C serial interface and you switch back to RS-422A for Apple Macintosh computers, be sure to restore the parameters to the factory settings.
- Set the RS-232C parameters to match your computer. You can set serial settings in several different places, within your DOS application, within the Windows Printer Icon (for Windows application software only), or within your AUTOEXEC.BAT file using MODE commands. For information on serial interface parameters, see the user's guide of your computer or software.

If necessary, set the serial interface parameters as follow:

1. Make sure that the printer is in off-line.
2. Set the serial interface parameters by moving up (on) or down (off) the selectors of the dual in-line package (DIP) switch.

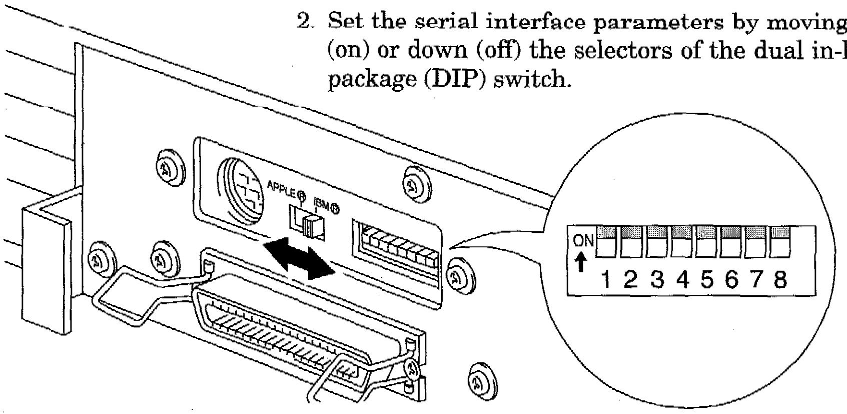


Table 1: Serial Interface Parameters Settings

Selector	Parameters	On (up)	Off (down)
1	Baud Rate	— See Table 2. —	
2	Baud Rate	— See Table 2. —	
3	Data Length	7 bits	**8 bits**
4	Stop Bit	2 bits	**1 bit**
5	Parity	— See Table 3. —	
6	Parity	— See Table 3. —	
7	Protocol	Xon/Xoff + DTR	**DTR only**
8	Robust Xon	On	**Off**

Table 2: Baud Rate Settings

Selector 1	Selector 2	For RS-422A	For RS-232C
Off	Off	**57600**	**9600**
On	Off	9600	4800
Off	On	1200	1200
On	On	19200	19200

Table 3: Parity Settings

Selector 1	Selector 2	Parity
On	On	Odd
On	Off	Even
Off	—	**None**

NOTE

- The factory settings are indicated in bold print.
- If the robust Xon setting is turned on with selector 8, the printer sends Xon signals at one second intervals to the connected computer until it receives data. It is effective only if selector 7 is set to the On position for the Xon/Xoff plus DTR setting.

Connecting the Serial Interface Cable

You need a serial interface cable with an 8-pin, DIN-type connector to connect your printer and computer.

NOTE

Consult your dealer for a serial interface cable.

- If you are a Macintosh user, you can easily find the necessary cable at a local computer store. Look for Apple serial cables labeled as "Macintosh to ImageWriter™" or "Macintosh to Personal LaserWriter™ 300". Do not purchase a serial cable labeled as "Straight-thru" or "Local-Talk."
- If you are a PC user, you need to purchase a special serial cable from your dealer. If you have a 9-pin connector on your computer, look for a cable labeled "IBM AT to ImageWriter II" cable. If you have a 25-pin connector, look for a cable labeled "DB25 to ImageWriter II." These cables most likely would be found in the Apple Macintosh section of your computer dealer's store. For more information about the interface specification, consult your dealer.

You can connect a parallel and a serial interface cable at the same time. The auto interface selection function allows you to share the machine with two computers. To do this, connect the parallel interface cable and then connect the serial interface cable as follows:

1. Make sure that the power cord is unplugged.

NOTE

Be sure to unplug the power cord before connecting or disconnecting the interface cables, or the printer may be damaged.

2. Insert and secure the serial interface connector into the serial interface port of your machine.
3. Insert and secure the serial interface connector into the serial interface port of your computer.
4. Plug the power cord into the AC outlet.

Memory Board

The memory board is installed on the main controller board inside the machine. You can add the optional memory board both performance modes for the fax and the printer.

Optional Memory for the Printer

Additional memory is useful and may be necessary if you are downloading many different fonts or are printing a very complex document.

The machine can recognize a maximum of only 2MB of memory. Be careful to purchase the appropriate memory board for your mahcine.

Model Name	1MB Optinal Memory	1.5MB Optinal Memory
3900ML/4000ML/4500ML (0.5MB)	Yes (1.5MB)	Yes (2MB)
5500ML (1MB)	Yes (2MB)	N/A

Optinal Memory for the Fax

Additional memory is available and useful to expand the memory for sending and receiving faxes.

Model Name	512KB Optinal Memory	1MB Optinal Memory
3900ML/4000ML (256KB)	N/A	N/A
4500ML (512KB)	Yes (1MB)	Yes (1.5MB)
5500ML (1MB)	Yes (1.5MB)	Yes (2MB)

16. TROUBLESHOOTING PROCEDURES

Occasionally, you may have a problem with your machine or telephone line. If this happens, your machine usually identifies the problem and displays an error message. Refer to the following list when you see an error message on the display.
If additional help is needed, please contact the following Customer Service numbers:

U.S.A. 1-800-284-4FAX (4329)
1-908-356-8880 (Extension 7920)
Canada 1-800-853-6660 (Calling from within Canada.)

Error Messages

Error messages are listed below in alphabetical order.

B

`BUFFER ERROR`

This means an overflow of the input data buffer. Press **FF/CONT**. Data that overflowed the buffer will not be printed.
Check the communication parameter settings such as handshake protocol on both your computer and printer.
If the error occurs again, the interface hardware may be damaged, so consult your dealer.

C

`CHANGE TONER`

The display will show "CHANGE TONER" and at the same time, the toner empty LED on the control panel will flash on and off. You can still print, but since the toner is depleted and it is telling you that the toner will soon run out. Order a new toner cartridge now.

`CHANGE TONER`

`TONER EMPTY`

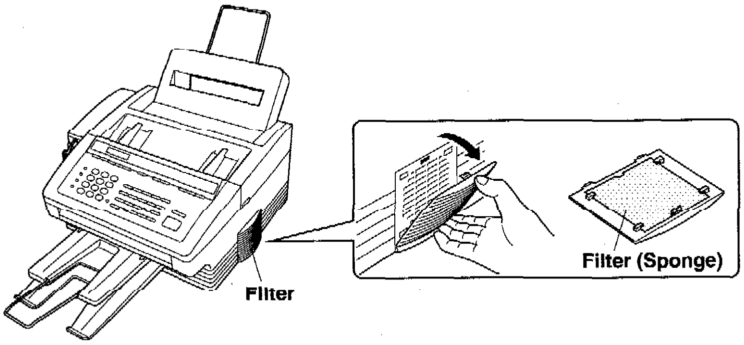
The toner is used up and printing is not possible. Replace the toner cartridge with a new one. (See page 13-1~4)

`CHECK PAPER SIZE`

Your recording paper size may not be set correctly for the recording paper you are using (see page 6-5). When you get this error, the reduction ratio will be changed to "AUTO" if you have used a fixed reduction ratio (see page 6-7).

CLEAN UP FILTER

The filter for the cooling fan is clogged. Clean it with a vacuum cleaner. If the filter is especially dirty, wash it with a mild detergent or with warm water. After you have finished *cleaning it*, press **STOP** *to clear the error* message. If you still get a "CLEAN UP FILTER" message, right after you have cleared the error message, it means your machine is overheated. Let the machine cool for a while, with the power on. Later you can press **STOP** again and the error message will be cleared.



C

COMM. ERROR

You encountered a communications error that resulted from a poor quality phone line. Try the call again.

CONNECTION FAIL

You requested the polling function even though the machine you called does not have the polling feature.

COVER OPEN

The top cover, the drum cover or paper cover was not completely closed. Or the paper cassette was not completely installed. Please check them.

D

DISCONNECTED

The telephone line was disconnected by the other party during the communication. Try calling the other party to see what has happened.

	DOCUMENT JAM	Your documents were not inserted properly, or the documents were not fed properly, or the documents were too long. Open the control panel and remove the documents. (See page 14-4) Then close the control panel, press **STOP** and insert the documents again, adjusting the guides on either side of the document, and try sending the fax again. Original documents should be straight, non-wrinkled, to be correctly fed. Otherwise, the documents may occasionally jam.
	DOWNLOAD FULL	The download buffer is full. Press **FF/CONT**. Printing will resume (the downloading is cancelled). The command that caused this message will be ignored.
L	LINE ERROR	There is a communications error. If using a serial interface, check baud rate, parity, etc. If using a parallel interface, check cable connections.
M	MEMORY FULL	• Press the **FF/CONT** switch to print the data remaining in the printer. • If you are using the supplied Windows driver, try again after setting the True Type mode to "Print as Graphics" in the PRINT menu of your application software. • Expand the printer memory with the optional memory board. • Reduce the print resolution or reduce the complexity of your document.
	MACHINE ERROR XX PRESS STOP KEY	Cut the power off. Then contact the Customer Service number listed on page 16-1.
N	NO RESPONSE/BUSY	The number you called does not answer or is busy. You also may have reached a number that is not connected to a fax machine. Check the number and try again.

	NOT REGISTERED	The One-Touch key or Speed-Dial number you pressed has no number assigned to it. You need to program a phone number. (See page 3-6~8)
P	PRINT OVERRUN	- Press the **FF/CONT** switch to print the data remaining in the printer. - If you use the supplied Windows driver, try again after setting the TrueType mode to 'Print as Graphics' in the PRINT menu of your application software. - If this does not clear the error, reduce the complexity of your document or reduce the print resolution.
	PAPER EMPTY	There is no more paper. It is also possible is that the Multi-purpose sheet feeder is not properly installed. Refill the paper or correct the position of the feeder.
	PRINTER JAM	The recording paper is jammed in the printing area. Remove the jammed paper, and load the recording paper again. (See page 14-4~6)
S	SET CARTRIDGE	A toner cartridge is not installed. Re-install the toner cartridge.

Other Problems

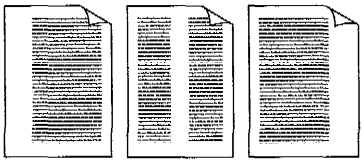
When the receiving party says the picture is not clear
Sometimes the resolution mode you chose when you sent your fax may not of been appropriate. Send the fax again, but try using the FINE or SUPERFINE mode. Also, your machine's scanner may be dirty, so try cleaning it. (See page 14-1)

When the receiving party says vertical streaks appear on the faxes they receive
Your machine's scanner may be dirty or the receiving party's printer head may be dirty. Clean your scanner, (See page 14-1) and make a copy to check if the problem was caused by your machine.

Vertical streaks appear on the faxes and printed document you receive
Sometimes you may see vertical streaks on the faxes you receive. Either your machine's primary corona wire for printing may be dirty, or the sending party's fax scanner may be dirty. Clean your primary corona wire. (See page 14-3) Make a copy to see if the vertical streaks are still there.

Vertical streaks appear in copies
Sometimes you may see vertical streaks on your copies.
Either the scanner or the primary corona wire for printing is dirty. Clean them both. (See page 14-1~3)

If the printed pages are still blurred at the center or either edge as below
First, make sure that the printer is placed on a flat, horizontal surface.
If the problem still occurs, remove the drum unit with the toner cartridge installed. Hold the unit horizontally with both hands and tap it firmly against a flat surface 3 or 4 times. Re-install the drum/toner unit and try printing again. If the print quality is acceptable, you may continue using this drum unit. If the print quality is not acceptable replace the drum unit. If streaks still occur, please contact Brother customer service or your local authorized service center for further assistance.

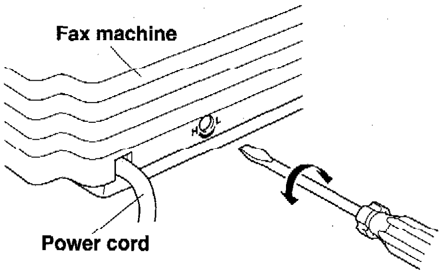


Horizontal Streaks
You may get a fax with horizontal streaks or with missing lines. Usually this is caused by a poor telephone connection. Ask the other party to send the fax again.

Poor Printing Quality
If the printing quality is not at an acceptable level, please change your drum unit with a new one.

The Print is too Light or too Dark

The print density dial is located near the power cord on the back of the machine. You can use it to adjust print conditions.



The print may become darker or lighter as conditions change (such as changing the toner cartridge and drum unit or if the machine has become overheated from heavy use).

Use a screwdriver to turn the print density dial clockwise for darker print and counterclockwise for lighter print. The dial has been set to the middle position. Make five or six copies to bring the toner to the final level of the new setting.

If the print is still too light, check to see if the Toner Save feature is ON (see page 7-8). If data is split into two pages...

If the received data is divided and printed on 2 pages or if you get an additional blan page your recording size may not be set correctly for the recording paper you are usin (see page 6-5). If you are using the fixed reduction feature, check to see if the reductio ratio is suitable for the real recording paper (see page 6-7).

When Dialing Doesn't Work...

You may have the wrong dialing mode. Change the TONE/PULSE setting. (See pag 3-1) You may also want to check all the telephone line connections (such as to th handset and to the wall jack). Check also that the power cord is connected. (See pag 2-8 of Setup Manual for Fax, Printer, Copier.) Check by pressing **HOOK** to see if yo hear a dial tone. Also try dialing by first pressing **HOOK** or lifting the handset. Wai until you hear the fax tones and then press **START**.

17. SPECIFICATIONS

Product Description	Five performance modes are available for the facsimile, the printer, the copier, the scanner and the fax modem in this Multi Function Center. (MFC 4500ML/5500ML) Three performance modes are available for the facsimile, the printer, and the copier in this MFC 3900ML/4000ML.

<Printer Specifications>

Printer CPU	MC68EC000 16 MHz
Emulation	Automatic emulation selection among HP LaserJet IIP (PCL level 4), EPSON FX-850, or IBM Proprinter XL
Printer Driver	Windows 3.1 driver, supporting Brother Native Compression mode and bi-directional capability Optional Macintosh driver (standard in some countries delate)
Interface	Bi-directional parallel
Memory	0.5 MB (3900ML/4000ML/4500ML) 1 MB (5500ML) Expandable up to 2 MB with the optional memory board.
Printer Method	Electrophotography by semiconductor laser beam scanning
Resolution	300 dots/inch
Print Quality	Normal printing mode Economy printing mode (50% toner saving)
Print Speed	6 pages/minute (when loading A4 or letter-size paper from the multi-purpose sheet feeder)
Print Media	Toner in a cartridge
TrueType Fonts on disks	TrueType-compatible soft-fonts for Windows on the supplied disk

<Fax Specifications>

Compatibility	ITU-TS Group 3
Coding system	MH (MFC 3900ML/4000ML/4500ML), MH/MR/MMR (MFC 5500ML)
Modem speed	9600/7200/4800/2400; Automatic Fallback
Document input width	148 mm to 216 mm (5.8 inches to 8.5 inches)
Scanning/Printing width	208 mm (8.2 inches)
Paper size	Letter/Legal/A4
Multi-purpose sheet feeder	200 sheets (20 lbs)
Gray scale	64 levels (MFC 4000ML/4500ML/5500ML) 32 levels (MFC 3900ML)

Polling types	Standard, Secure, Delay, Sequential
Contrast control	Automatic/Super Light/Super Dark (manual setting)
Resolution	• Horizontal 8 dot/mm (203 dot/inch)
	• Vertical Standard 3.85 line/mm (98 line/inch)
	Fine, Photo 7.7 line/mm (196 line/inch)
	Superfine, Photo (copy) 15.4 line/mm (392 line/inch)
One-touch dial	24 stations
Speed-dial	100 stations (4500ML/5500ML), 44 stations (4000ML)
	20 stations (3900ML)
Automatic redial	3 times at 5 minutes intervals
Speaker type	Monitor
Auto answer	0, 1, 2, 3 or 4 rings
Communication source	Public switched telephone network

<Electrical and Environment>

Temperature	(Allowable) 41 - 95° F
	(Operating for best print quality) 59 - 90.5° F
	(Storage) 38 - 104° F
Warm-up	Max. 1 minute at 23° C (73.4° F)
First Print	20 seconds (when loading the Letter size paper from the multi-purpose sheet feeder)
Power Source	120V AC 50/60Hz *(U.S.A., Canadian Version Only)*
Power Consumption	Peak: 530 W or less (25° C)
	Stand by: (Sleep Mode ON) 15 W or less
	(Sleep Mode OFF) 50 W or less (25° C)
Noise	Operating: 50 dB A or less
	Stand-by: 38 dB A or less
Humidity	Operating: 20 to 80% (without condensation)
	Storage: 20 to 80% (without condensation)
Dimensions	455 x 428 x 299 (mm)/17.9 x 16.9 x 11.8 (inches)
Weight	12.0 kg/26.4 lbs

PARALLEL INTERFACE SPECIFICATION

Interface Connector	Printer Side: Amphenol FCN-685J036-L/X or equivalent A shielded cable should be used.

Pin Assignment

Pin No.	Signal	Direction	Pin No.	Signal	Direction
1	$\overline{\text{DATA STROBE}}$	Input	19	0V(S.G.)	-
2	DATA 1	Input	20	0V(S.G.)	-
3	DTAT 2	Input	21	0V(S.G.)	-
4	DATA 3	Input	22	0V(S.G.)	-
5	DATA 4	Input	23	0V(S.G.)	-
6	DATA 5	Input	24	0V(S.G.)	-
7	DATA 6	Input	25	0V(S.G.)	-
8	DATA 7	Input	26	0V(S.G.)	-
9	DATA 8	Input	27	0V(S.G.)	-
10	$\overline{\text{ACKNLG}}$	Output	28	0V(S.G.)	-
11	BUSY	Output	29	0V(S.G.)	-
12	PE	Output	30	0V(S.G.)	-
13	SLCT	Output	31	$\overline{\text{IMPUT PRIME}}$	Input
14	$\overline{\text{AUTO FEED}}$	Input	32	$\overline{\text{FAULT}}$	Output
15	N.C.	-	33	N.C.	-
16	0V (S.G.)	-	34	N.C.	-
17	0V (S.G.)	-	35	N.C.	-
18	+5V	-	36	$\overline{\text{SLCT IN}}$	Input

RESIDENT FONTS

The following bitmapped fonts are residing in this printer.

Brougham 10, 12 point,	upright/normal upright/bold italic/normal italic/bold
Brougham 12, 10 point	upright/normal upright/bold italic/norml italic/bold
Letter Gothic 16.66, 8.5 point	upright/normal upright/bold italic/normal italic/bold

(Portrait and Landscape are available for the above.)

***IBM mode**

- PC-8
- PC-8 D/N
- PC-850
- PC-852
- PC-860
- PC-863
- PC-865
- PC-8 Turkish

***EPSON mode**

- US ASCII
- German
- UK ASCII I
- French I
- Danish I
- Italy
- Spanish
- Swedish
- Japanese
- Norwegian
- Danish II
- UK ASCII II
- French II
- Dutch
- South African
- PC-8
- PC-8 D/N
- PC-850
- PC-852
- PC-860
- PC-863
- PC-865
- PC-8 Turkisk

***HP mode**

- ISO14 JIS ASCII
- *ISO57 Chinese*
- ISOII Swedish
- HP Spanish
- ISO17 Spanish
- ISO10 Swedish
- ISO16 Portuguese
- ISO84 Portuguese
- ISO85 Spanish
- PC-8
- PC-8 D/N
- PC-8 Turkish
- PC-850
- PC-852
- PC-860
- PC-863
- PC-865
- Roman 8
- ISO Latin 1 (ECMA-94)
- ISO60 Norwegian 1
- ISO61 Norwegian 2
- ISO4 UK
- ISO25 French
- ISO69 French
- HP German
- ISO21 German
- ISO15 Italian
- ISO6 ASCII
- Legal
- ISO2 IRV

NOTE

If you want to know what characters are in each symbol/character set, print the CHARSETS.PRN file from “The Print form” option in the Direct Access Menu of the Remote Printer Console Program.

❑ HP LaserJet IIP

Roman 8

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0				0	@	P	`	p				¯	â	Å	Á	Þ
1			!	1	A	Q	a	q			À	Ý	ê	î	Ã	þ
2			"	2	B	R	b	r			Â	ý	ô	Ø	ã	·
3			#	3	C	S	c	s			È	°	û	Æ	Ð	µ
4			$	4	D	T	d	t			Ê	Ç	á	å	ð	¶
5			%	5	E	U	e	u			Ë	ç	é	í	Í	¾
6			&	6	F	V	f	v			Î	Ñ	ó	ø	Ì	—
7			'	7	G	W	g	w			Ï	ñ	ú	æ	Ó	¼
8			(	8	H	X	h	x			´	¡	à	Ä	Ò	½
9			)	9	I	Y	i	y			`	¿	è	ì	Õ	ª
A			*	:	J	Z	j	z			ˆ	¤	ò	Ö	õ	º
B			+	;	K	[	k	{			¨	£	ù	Ü	Š	«
C			,	<	L	\	l	|			˜	¥	ä	É	š	■
D			-	=	M	]	m	}			Ù	§	ë	ï	Ú	»
E			.	>	N	^	n	~			Û	ƒ	ö	ß	Ÿ	±
F			/	?	O	_	o	░			₤	¢	ü	Ô	ÿ	

ISO Latin1

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0				0	@	P	`	p				°	À	Ð	à	ð
1			!	1	A	Q	a	q			¡	±	Á	Ñ	á	ñ
2			"	2	B	R	b	r			¢	²	Â	Ò	â	ò
3			#	3	C	S	c	s			£	³	Ã	Ó	ã	ó
4			$	4	D	T	d	t			¤	´	Ä	Ô	ä	ô
5			%	5	E	U	e	u			¥	µ	Å	Õ	å	õ
6			&	6	F	V	f	v			¦	¶	Æ	Ö	æ	ö
7			'	7	G	W	g	w			§	·	Ç	×	ç	÷
8			(	8	H	X	h	x			¨	¸	È	Ø	è	ø
9			)	9	I	Y	i	y			©	¹	É	Ù	é	ù
A			*	:	J	Z	j	z			ª	º	Ê	Ú	ê	ú
B			+	;	K	[	k	{			«	»	Ë	Û	ë	û
C			,	<	L	\	l	|			¬	¼	Ì	Ü	ì	ü
D			-	=	M	]	m	}			-	½	Í	Ý	í	ý
E			.	>	N	^	n	~			®	¾	Î	Þ	î	þ
F			/	?	O	_	o	░			¯	¿	Ï	ß	ï	ÿ

The following table shows.characters available only in the corresponding character set. The numbers at the top of the table are code values with which characters are to be replaced in the Roman 8 character set. For other characters, see character set of Roman 8.

SYMBOL SET	23	24	40	5B	5C	5D	5E	60	7B	7C	7D	7E
ISO2 IRV	#	¤	@	[	\	]	^	`	{	|	}	‾
ISO4 UK	£	$	@	[	\	]	^	`	{	|	}	‾
ISO6 ASCII	#	$	@	[	\	]	^	`	{	|	}	~
ISO10 Swedish	#	¤	@	Ä	Ö	Å	^	`	ä	ö	å	‾
ISO11 Swedish	#	¤	É	Ä	Ö	Å	Ü	é	ä	ö	å	ü
ISO14 JIS ASCII	#	$	@	[	¥	]	^	`	{	|	}	‾
ISO15 Italian	£	$	§	°	ç	é	^	ù	à	ò	è	ì
ISO16 Portuguese	#	$	§	Ã	Ç	Õ	^	`	ã	ç	õ	°
ISO17 Spanish	£	$	§	¡	Ñ	¿	^	`	°	ñ	ç	˜
ISO21 German	#	$	§	Ä	Ö	Ü	^	`	ä	ö	ü	ß
ISO25 French	£	$	à	°	ç	§	^	`	é	ù	è	¨
ISO57 Chinese	#	¥	@	[	\	]	^	`	{	|	}	‾
ISO60 Norwegian1	#	$	@	Æ	Ø	Å	^	`	æ	ø	å	‾
ISO61 Norwegian2	§	$	@	Æ	Ø	Å	^	`	æ	ø	å	|
ISO69 French	£	$	à	°	ç	§	^	µ	é	ù	è	¨
ISO84 Portuguese	#	$	´	Ã	Ç	Õ	^	`	ã	ç	õ	~
ISO85 Spanish	#	$	·	¡	Ñ	Ç	¿	`	´	ñ	ç	¨
HP German	£	$	§	Ä	Ö	Ü	^	`	ä	ö	ü	ß
HP Spanish	#	$	@	¡	Ñ	¿	°	`	{	ñ	}	~

❑ HP LaserJet IIP, EPSON FX-850, IBM Propritner XL

PC-8

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0		►		0	@	P	`	p	Ç	É	á	░	└	╨	α	≡
1	☺	◄	!	1	A	Q	a	q	ü	æ	í	▒	┴	╤	ß	±
2	☻	↕	"	2	B	R	b	r	é	Æ	ó	▓	┬	╥	Γ	≥
3	♥	‼	#	3	C	S	c	s	â	ô	ú	│	├	╙	π	≤
4	♦	¶	$	4	D	T	d	t	ä	ö	ñ	┤	─	╘	Σ	⌠
5	♣	§	%	5	E	U	e	u	à	ò	Ñ	╡	┼	╒	σ	⌡
6	♠	▬	&	6	F	V	f	v	å	û	ª	╢	╞	╓	µ	÷
7	•	↨	'	7	G	W	g	w	ç	ù	º	╖	╟	╫	τ	≈
8	◘	↑	(	8	H	X	h	x	ê	ÿ	¿	╕	╚	╪	Φ	°
9	○	↓	)	9	I	Y	i	y	ë	Ö	⌐	╣	╔	┘	Θ	∙
A	◙	→	*	:	J	Z	j	z	è	Ü	¬	║	╩	┌	Ω	·
B	♂	←	+	;	K	[	k	{	ï	¢	½	╗	╦	█	δ	√
C	♀	∟	,	<	L	\	l	|	î	£	¼	╝	╠	▄	∞	ⁿ
D	♪	↔	-	=	M	]	m	}	ì	¥	¡	╜	═	▌	φ	²
E	♫	▲	.	>	N	^	n	~	Ä	₧	«	╛	╬	▐	ε	■
F	☼	▼	/	?	O	_	o	⌂	Å	ƒ	»	┐	╧	▀	∩	

PC-850

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0		►		0	@	P	`	p	Ç	É	á	░	└	ð	Ó	-
1	☺	◄	!	1	A	Q	a	q	ü	æ	í	▒	┴	Ð	ß	±
2	☻	↕	"	2	B	R	b	r	é	Æ	ó	▓	┬	Ê	Ô	‗
3	♥	‼	#	3	C	S	c	s	â	ô	ú	│	├	Ë	Ò	¾
4	♦	¶	$	4	D	T	d	t	ä	ö	ñ	┤	─	È	õ	¶
5	♣	§	%	5	E	U	e	u	à	ò	Ñ	Á	┼	ı	Õ	§
6	♠	▬	&	6	F	V	f	v	å	û	ª	Â	ã	Í	µ	÷
7	•	↨	'	7	G	W	g	w	ç	ù	º	À	Ã	Î	þ	¸
8	◘	↑	(	8	H	X	h	x	ê	ÿ	¿	©	╚	Ï	Þ	°
9	○	↓	)	9	I	Y	i	y	ë	Ö	®	╣	╔	┘	Ú	¨
A	◙	→	*	:	J	Z	j	z	è	Ü	¬	║	╩	┌	Û	·
B	♂	←	+	;	K	[	k	{	ï	ø	½	╗	╦	█	Ù	¹
C	♀	∟	,	<	L	\	l	|	î	£	¼	╝	╠	▄	ý	³
D	♪	↔	-	=	M	]	m	}	ì	Ø	¡	¢	═	¦	Ý	²
E	♫	▲	.	>	N	^	n	~	Ä	×	«	¥	╬	Ì	¯	■
F	☼	▼	/	?	O	_	o	⌂	Å	ƒ	»	┐	¤	▀	´	

❑ EPSON FX-850

US ASCII

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0				0	@	P	`	p				0	@	P	`	p
1			!	1	A	Q	a	q			!	1	A	Q	a	q
2			"	2	B	R	b	r			"	2	B	R	b	r
3			#	3	C	S	c	s			#	3	C	S	c	s
4			$	4	D	T	d	t			$	4	D	T	d	t
5			%	5	E	U	e	u			%	5	E	U	e	u
6			&	6	F	V	f	v			&	6	F	V	f	v
7			'	7	G	W	g	w			'	7	G	W	g	w
8			(	8	H	X	h	x			(	8	H	X	h	x
9			)	9	I	Y	i	y			)	9	I	Y	i	y
A			*	:	J	Z	j	z			*	:	J	Z	j	z
B			+	;	K	[	k	{			+	;	K	[	k	{
C			,	<	L	\	l	|			,	<	L	\	l	|
D			-	=	M	]	m	}			-	=	M	]	m	}
E			.	>	N	^	n	~			.	>	N	^	n	~
F			/	?	O	_	o				/	?	O	_	o	

The following table shows characters available only in the corresponding character set. The numbers at the top of the table are code values with which characters are to be replaced in the US ASCII character set. For other characters, see the character set of US ASCII.

SYMBOL SET	23	24	40	5B	5C	5D	5E	60	7B	7C	7D	7E
German	#	$	§	Ä	Ö	Ü	^	`	ä	ö	ü	ß
UK ASCII I	£	$	@	[	\	]	^	`	{	|	}	~
French I	#	$	à	°	ç	§	^	`	é	ù	è	¨
Danish I	#	$	@	Æ	Ø	Å	^	`	æ	ø	å	~
Italy	#	$	@	°	\	é	^	ù	à	ò	è	ì
Spanish	₧	$	@	¡	Ñ	¿	^	`	¨	ñ	}	~
Swedish	#	¤	É	Ä	Ö	Å	Ü	é	ä	ö	å	ü
Japanese	#	$	@	[	¥	]	^	`	{	|	}	~
Norwegian	#	¤	É	Æ	Ø	Å	Ü	é	æ	ø	å	ü
Danish II	#	$	É	Æ	Ø	Å	Ü	é	æ	ø	å	ü
UK ASCII II	#	£	@	[	\	]	^	`	{	|	}	~
French II	#	â	à	î	ç	ê	û	ô	é	ù	è	ï
Dutch	#	$	@	[	]	ƒ	^	`	é	ĳ	è	¨
South African	#	ê	É	Ê	Ö	è	Ü	ê	ë	ö	ô	ü

Specifications are subject to change for improvement without prior notice.

18. IMPORTANT INFORMATION

Standard Telephone and FCC Notices (Applies only to 120V model)

These notices are in effect on models sold and used in the U.S.A.

This equipment is hearing-aid compatible.

When programming emergency numbers and/or making test calls to emergency numbers:

- Remain on the line and briefly explain to the dispatcher the reason for the call before hanging up.

- Perform such activities in the off-peak hours, such as early morning or late evening.

This equipment complies with Part 68 of FCC Rules. On the rear panel of this equipment is a label that contains, among other information, the FCC Registration Number and Ringer equivalence Number (REN) for this equipment. You must, upon request, provide this information to your telephone company.

You may safely connect this equipment to the telephone network by means of a standard modular jack, USOC RJ11C.

An FCC compliant telephone cord and modular plug is provided with this equipment. This equipment is designed to be connected to the telephone network or premises wiring using a compatible modular jack which is Part 68 compliant.

The REN is useful to determine the quantity of devices you may connect to your telephone line and still have those devices ring when your telephone number is called. In most, but not all areas, the sum of the RENs of all devices connected to one line should not exceed five (5). To be certain of the number of devices you may connect to your line, as determined by the REN, you should contact your local telephone company to determine the maximum REN for your calling area.

If your MFC 3900ML/4000ML/4500ML/5500ML damages the telephone network, the telephone company may discontinue your service temporarily. If possible, they will notify you in advance. But if advanced notice is not practical, you will be notified as soon as possible. You will be informed of your right to file a complaint with the FCC.

Your telephone company may make changes to its facilities, equipment, operations or procedures that could affect the proper functioning of your equipment. If they do, you will be notified in advance to give you an opportunity to maintain uninterrupted telephone service.

If you experience trouble with this MFC 3900ML/4000ML/4500ML/5500ML, please contact the manufacture's authorized service agency for information on obtaining service or repair. The telephone company may ask that you disconnect this equipment from the network until the problem has been corrected or until you are sure that the equipment is not malfunctioning.

If you are not able to solve a problem with your machine, contact Brother service personnel at 1-800-284-4FAX (U.S.A. Only).
1-800-284-4329

Warning

For protection against the risk of electrical shock, always disconnect all cables from the wall outlet before servicing, modifying or installing the equipment.
This equipment may not be used on coin service lines provided by the telephone company nor connected to party lines.
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Re-orient or relocate the receiving antenna.
- Increase the separation between the fax equipment and the receiver.
- Connect the fax equipment on a separate circuit.
- Consult the dealer or an experienced radio/TV technician for help.

Laser Safety (For 110-120 V Model Only)

This equipment is certified as a Class I laser product under the U.S. Department o Health and Human Services (DHHS) Radiation Performance Standard according to th Radiation Control for Health and Safety Act of 1968. This means that the equipment doe not produce hazardous laser radiation.

Since radiation emitted inside the equipment is completely confined within protectiv housings and external covers, the laser beam cannot escape from the machine during an phase of user operation.

FDA Regulations

The Bureau of Radiological Health (BRH) of the U.S. Food and Drug Administratio (FDA) implemented regulations for laser products manufactured from August 2, 1976 These regulations apply to laser products manufactured from August 1, 1976. Complianc is mandatory for products marketed in the United States. The label shown on the bac of the printer indicates compliance with the BRH regulations and must be attached t laser products marketed in the United States.

MANUFACTURED :

BROTHER INDUSTRIES, LTD.
15-1 Naeshiro-cho Mizuho-ku Nagoya, 467 Japan
This product complies with FDA radiation performance standards, 21 CFR Subchapter J.

Caution

Use of controls, adjustments or performance of procedures other than those specified i this manual may result in hazardous invisible radiation exposure.

Brother cannot accept any financial or other responsibilities that may be the result of your use of this information, including direct, special or consequential damages. There are no warranties extended or granted by this document.

The serial number may be found on the label affixed to the back of the unit. For your convenience, note the number below and retain this owner's manual to serve as a permanent record of your purchase, in the event of a theft or fire, or for future reference.

MODEL NO. MFC 3900ML/4000ML/4500ML/5500ML SERIAL NO. ____________________

NAME OF DEALER ____

DATE OF PURCHASE ____

Important Safety Instructions

1. Read all of these instructions
2. Save them for later reference.
3. Follow all warnings and instructions marked on the product.
4. Unplug this product from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
5. Do not use this product near water.
6. Do not place this product on an unsuitable cart, stand, or table. The product may fall, causing serious damage to the product.
7. Slots and openings in the cabinet and the back or bottom are provided of ventilation; to ensure reliable operation of the product and to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heater. This product should not be placed in a built-in installation unless proper ventilation is provided.
8. This product should be operated from the type of power source indicated on the label. If you are not sure of the type of power available, consult your dealer or local power company.
9. This product is equipped with a 3-wire grounding type plug, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the purpose of the grounding-type plug.
10. Do not allow anything to rest on the power cord. Do not locate this product where persons will walk on the cord.
11. If an extension cord is used (See page 2-8 of Setup Manual for Fax, Printer, Copier.) with this product, make sure that the total ampere ratings on the products plugged into the extension cord do not exceed the extension cord ampere rating. Also, make sure that the total of all products plugged into the wall outlet does not exceed 15 amperes (U.S.A. only).
12. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts resulting in a risk of fire or electric shock. Never spill liquid of any kind on the product.

13. Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to service personal at 1-800-284-4FAX (4329).
14. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
    - A. When the power cord or plug is damaged or frayed.
    - B. If liquid has been spilled into the product.
    - C. If the product has been exposed to rain or water.
    - D. If the product does not operate normally when the operating instructions are followed. Adjust only those controls that are covered by the operating instructions since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
    - E. If the product has been dropped or the cabinet has been damaged.
    - F. If the product exhibits a distinct change in performance, indicating a need for service.

Important-About the Interface Cable

This machine has been certified to comply with FCC standards, which are applied to the U.S.A. only. A shielded interface cable should be used according to FCC 15.27 (C). In addition, a grounded plug should be plugged into a grounded AC outlet after checking the rating of the local power supply for the printer to operate properly and safely.

CAUTION

Changes or modifications not expressly approved by Brother Industries, Ltd. could void the user's authority to operate the equipment.

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Somerset, NJ 08875-6714, U.S.A.

Brother International Corporation (Canada) Ltd.
1 rue Hôtel de Ville,
Dollard-des-Ormeaux, QC, CANADA H9B 3H6

These machines are made for use in the USA and CANADA only. We can not recommend using them overseas because it may violate the Telecommunications Regulations of that country and the power requirements of your fax machine may not be compatible with the power available in foreign countries. **Using USA and CANADA models overseas is at your own risk and will void your warranty.**

* Manufactured by Brother Industries Ltd. whose quality system is registered by BSI and JQA.

BSI Certificate of registration No. FM27391
JQA Certificate of registration No. JQA-0340

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